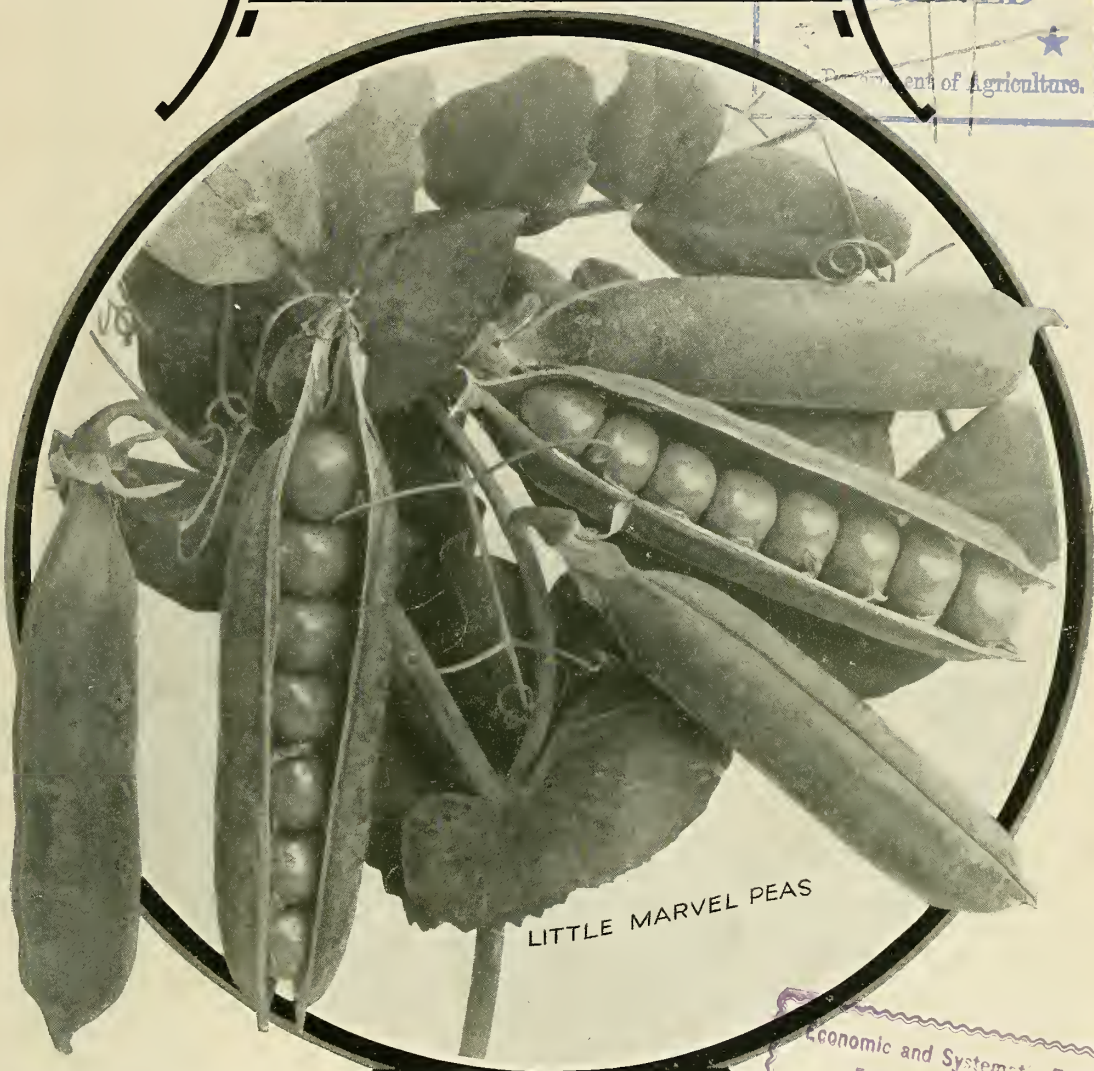
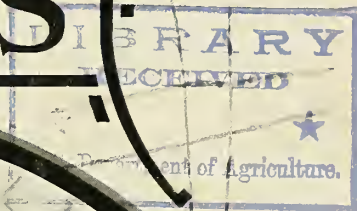


Historic, Archive Document

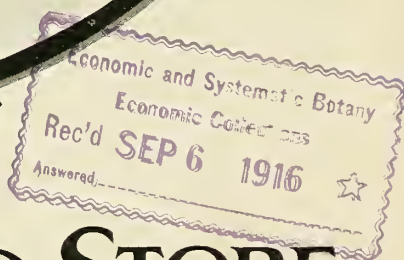
Do not assume content reflects current scientific knowledge, policies, or practices.

62 73
GARDEN, FARM and FLOWER
SEEDS



LITTLE MARVEL PEAS

1916



CHAAPEL'S SEED STORE

41 EAST THIRD STREET
WILLIAMSPORT, PA.



Chaapel's American Lawn Grass Seed

Recleaned and Tested Seed, weighing over 20 pounds to the bushel

A Lawn Seed Mixture is very much to be preferred to any single Grass, as, if it is honestly made, the several varieties of Grass which compose it mature at different seasons of the year, thus keeping the greensward in good color and condition during the hot weather, not losing its color, as the single variety is liable to do, and making a much heavier and thicker turf. Sure to give results in this locality.

Our Mixture can be absolutely relied upon as being made up of the finest qualities of Grass Seed obtainable, free from weed seeds, and of the very best and highest germinating qualities. Mixed especially of Grasses that do best in our soils.

We have sold this Mixture of Lawn Grasses for thirty-six years, and positively know that it is surpassed by none; it will stand wear and tear, forming a close, firm, green and lasting turf, retaining its velvety appearance to the last. One quart will sow a space 10 x 20 feet—200 square feet. Ask for our leaflet, "How to Have a Better Lawn." Qt. 25 cts., 2 qts. 45 cts., 4 qts. 75 cts., pk. \$1.25, bus. \$4.50.

Chaapel's Shady Lawn Grass Seed

In most cases our American Lawn Grass Mixture will meet all requirements but where there is continuous shade. There are certain Grasses which thrive better in shady places. Our Shady Lawn Mixture contains those Grasses. Shaded locations are usually sour, mossy and impoverished. Lime will sweeten the soil; sheep manure, bone meal and nitrate of soda will make the Grass grow luxuriantly, even in shady places. Sow one quart to 100 square feet—10 x 10 feet. Qt. 30 cts., 2 qts. 50 cts., 4 qts., 85 cts., pk. \$1.40, bus. (20 lbs.) \$5.

FANCY WHITE CLOVER. Fine for new or old lawns; easy to grow. Adding $\frac{1}{4}$ pound to one quart of our Lawn Grass Seed will make a very desirable mixture. $\frac{1}{4}$ lb. 20 cts., lb. 75 cts.

FEED YOUR LAWN—MAKE THE GRASS GROW

It is a well-known fact that a poorly nourished lawn is full of weeds. Enrich your ground, make the grass grow. Cut it regularly every week, or oftener if necessary, and the weeds will all disappear, crowded out by the luxuriant growth of Grass.

Nature's richest and best fertilizer is **PULVERIZED SHEEP MANURE**, a highly concentrated product, rich in nitrogen, phosphoric acid and potash. It is dry and finely pulverized, with every weed seed destroyed. For lawns, flowers, vegetables and fruits, **SHEEP MANURE** is unequalled for making things grow. Why not use it this spring? See prices of Fertilizers for the Lawn and Garden on page 31.



Thirty-Seven Years

of painstaking, careful study in the selection and handling of Good Pure Seeds should mean something to our customers. We've been at it long enough to know that Good Pure Seeds at a fair price is the only policy for a business, and the most economical to the buyer. A few cents saved in the purchase of seed may mean the loss of many dollars at harvest-time. In this catalogue we list the best seeds based on thirty-seven years' experience as seed experts. We buy in sufficient quantities to get good quality at the right price. Our experience and interest are at the command of our customers whenever we can assist. Write us or, better, come to see us and talk it over.

OUR SEED STORE

is most centrally located at 41 East Third Street, just below Market Square, and easily reached from the city markets. We invite our friends to call and see for themselves how well we are equipped for the prompt and careful filling of all orders entrusted to us.

SEEDS BY MAIL We will pay postage on all small seeds in packets, and in bulk up to $\frac{1}{4}$ pound, within the first and second zones from Williamsport. On $\frac{1}{4}$ to 1 pound add 5 cts.; for each additional pound add 1 ct. On Peas, Beans and Corn add for the first pint or quart 10 cts., and for each additional quart add 2 cts. extra, for postage and packing.

WE GUARANTEE OUR SEEDS to be of the very best quality and of strong vitality, but cannot guarantee results or crops. If customers do not accept goods on these conditions, they can be returned to us within ten days.

CHAAPEL'S SEED STORE

BELL PHONE 694-B2
UNITED PHONE 523-Z

HARRY CHAAPEL
P. A. McGOWAN

41 EAST THIRD STREET
WILLIAMSPORT, PA.

NORTHERN-GROWN PEAS

1 quart plants 75 feet of drill; 2 to 3 bushels to the acre.

We are offering this year several new varieties of proved merit. Our Pioneer and Little Marvel Peas are of recent introduction. These, as well as other varieties offered by us, are pure-bred stock, grown by the largest and most expert Pea specialist. Our Ameer and Prolific Market Peas are the best of the smooth extra-early varieties, and can be planted much earlier than the wrinkled varieties. Nott's Excelsior and Premium Gem are both early, and the most popular of the early dwarf varieties. Ever-bearing and Pride of the Market are the most desirable of the second-early and late varieties.

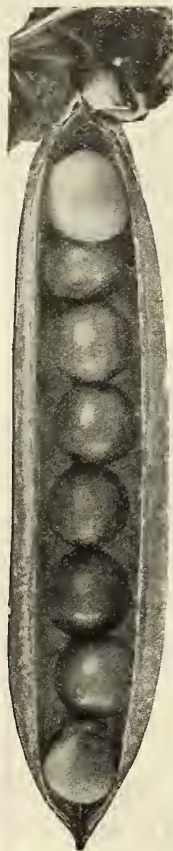
New English Pea, Pioneer

A DWARF GRADUS

This is the largest-podded of all early dwarf Peas. A new, large-podded early wrinkled Pea of great promise. The vines are extremely vigorous, growing 15 to 18 inches high, dark green and produce a wonderful crop of pods which are filled with big Peas of delicious flavor. It is one of the earliest wrinkled peas, coming in about the same season as Gradus, but a much heavier cropper. Qt. 30 cts., 4 qts. \$1.10, pk. \$2.10, bus. \$8.

New Dwarf Pea, Little Marvel

A new, dwarf, first-early Pea of unusual value, but recently on the market. The demand among market-gardeners for this variety is already enormous. The vines average 15 inches in height, and the pods $2\frac{1}{2}$ inches in length, frequently borne in pairs. The pods contain six or seven large, dark green Peas, which remain in good eatable shape a week later than most other varieties. This variety is as early as Nott's Excelsior or American Wonder, but produces a much larger pod, and the vines produce a much heavier crop. Its dark green pods are a more attractive color than the light green sorts. A desirable Pea for both the home garden and market. See illustration on front page of cover. Qt. 30 cts., 4 qts. \$1, pk. \$1.85, bus. \$7.



Little Marvel Pea



New English Pea, Pioneer

Ameer, or Large-Podded Alaska

An extra-early, large-podded Pea of excellent quality. Vines grow about 3 feet in height, producing large, finely shaped pods. The Peas ripen uniformly and are round, slightly dented and bright green. A prolific bearer, making it a valuable variety for the home garden or market. Qt. 25 cts., 4 qts. 85 cts., pk. \$1.50, bus. \$5.50.

Prince Edward, or Prodigious

A new variety with pods even larger than Alderman. The pods often grow nearly 6 inches long and are well filled with large Peas of the very finest quality. Vines grow 4 feet tall and are fairly prolific. A grand variety for those who want the very largest and best Peas that can be grown. Season medium late. Qt. 30 cts., 4 qts. \$1.10, pk. \$2.

New Pea, Dwarf Defiance

Second-early. Destined to become the main-crop Pea. Dwarf in habit, sturdy, strong in growth; pods long, well-filled with large, dark green Peas of rich, sweet flavor. Height 18 inches to 2 feet; needs no support. It will pay you to become acquainted with this new Pea. Qt. 30 cts., 4 qts., \$1.10, pk. \$2, bus. \$7.50.

Peas form a profitable crop to grow. Plant all you have room for

EXTRA-EARLY PEAS

Wrinkled varieties are marked with a star (). The height is given after each variety*

Liberal packets, 5 cts. and 10 cts., postpaid. If ordered to be sent by parcel post, add 10 cts. extra for the first pint or quart, and 2 cts. for each additional quart

Alaska, or Earliest of All. Pods well filled with small, smooth, blue-green Peas; first-early. 2½ ft. Qt. 20 cts., 4 qts. 65 cts., pk. \$1.25, bus. \$4.75.

Best Extra-Early. Superior strain of the extra-early Peas; first to plant and most profitable. 2½ ft. Qt. 20c., 4 qts. 65c., pk. \$1.25, bus. \$4.75.

Ameer, or Large-podded Alaska. Large, dark green pods, similar to Gradus. (See description, page 2.) 3 ft. Qt. 25 cts., 4 qts. 85 cts., pk. \$1.50, bus. \$5.50.

Prolific Early Market. Only a few days later than Best Extra-Early; pods larger and most prolific. 3 ft. Qt. 25 cts., 4 qts. 85 cts., pk. \$1.50, bus. \$6.

***Little Marvel.** New. As early as Nott's Excelsior, with large pods; quality as good and a good cropper. (See description, page 2.) 15 in. Qt. 30 cts., 4 qts. \$1, pk. \$1.85, bus. \$7.

***Pioneer.** A Dwarf Gradus. New. The largest-podded dwarf extra-early. (See description, page 2.) 15 to 18 in. Qt. 30 cts., 4 qts. \$1.10, pk. \$2.10, bus. \$8.

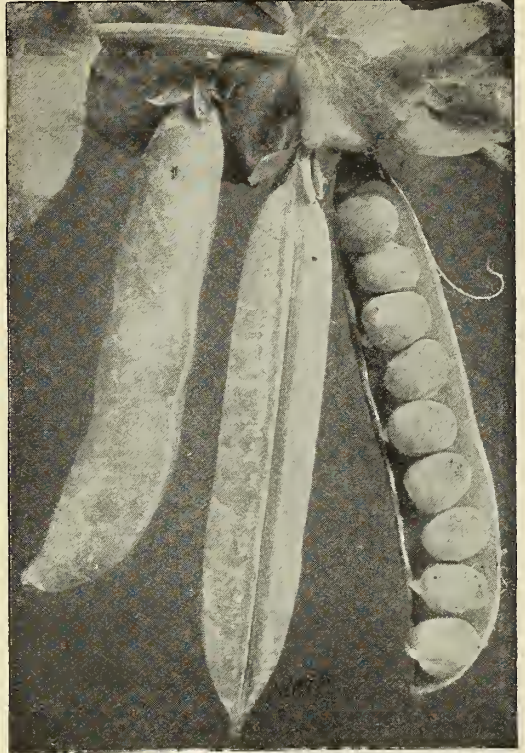
***Laxtonian.** New. Similar to Pioneer, but superseded by that variety. 15 in. Qt. 30 cts., 4 qts. \$1.10, pk. \$2.10, bus. \$8.

***Nott's Excelsior.** Very early; pods always filled with Peas of the finest quality. 15 in. Qt. 25c., 4 qts. 85 cts., pk. \$1.50, bus. \$6.

***Premium Gem.** Extra early, prolific and of delicious flavor. 15 in. Qt. 20 cts., 4 qts. 75 cts., pk. \$1.40, bus. \$5.25.

***Gradus, or Prosperity.** Extra early; large, wrinkled Peas of the finest quality. 3 ft. Qt. 25 cts., 4 qts. 90 cts., pk. \$1.75, bus. \$6.50.

***Thos. Laxton.** Similar to Gradus and just as good. 3 ft. Qt. 25 cts., 4 qts. 90 cts., pk. \$1.75, bus. \$6.50.



Nott's Excelsior Dwarf Pea

SECOND-EARLY AND LATE VARIETIES

Liberal packets, 5 cts. and 10 cts.

***Everbearing.** Continuous bearer; pods large, of delicious flavor. One of the best for home and market. 2 ft. Qt. 20 cts., 4 qts. 75 cts., pk. \$1.40, bus. \$5.25.

***Yorkshire Hero.** A splendid, large marrow Pea; abundant bearer; of fine quality. 2½ ft. Qt. 20 cts., 4 qts. 75 cts., pk. \$1.40, bus. \$5.

***Advancer.** A sure cropper; popular market sort. 2½ ft. Qt. 20 cts., 4 qts. 75 cts., pk. \$1.40, bus. \$5.

***Horsford's Market-Garden.** Pods literally packed with Peas of delicious, sweet flavor. 2½ ft. Qt. 20 cts., 4 qts. 75 cts., pk. \$1.40, bus. \$5.

Pride of the Market. Popular in the market; pods large and handsome; finest quality. 2 ft. Qt. 25 cts., 4 qts. 85 cts., pk. \$1.60, bus. \$6.

***Dwarf Defiance.** New. A splendid, large-podded variety; very promising. (See description, page 2.) 18 in. to 2 ft. Qt. 30 cts., 4 qts. \$1.10, pk. \$2, bus. \$7.50.

Prince Edward, or Prodigious. Immense pods, and Peas of highest quality. 4 ft. (See description, page 2.) Qt. 30 cts., 4 qts. \$1.10, pk. \$2.

***Dwarf Telephone** (Carter's Daisy). Large, well-filled pods of excellent flavor. 1½ ft. Qt. 25 cts., 4 qts. 85 cts., pk. \$1.60, bus. \$6.

***Duke of Albany** (American Champion). Immense pods and Peas on the style of Telephone; best quality; late. 4 ft. Qt. 20 cts.

***Telephone.** The most popular late Pea. Large pods, filled with immense Peas of first-class quality. 4½ ft. Qt. 20 cts., 4 qts. 75 cts., pk. \$1.40, bus. \$5.

***Champion of England.** One of the richest, best-flavored Peas; well known and popular. 5 ft. Qt. 20 cts., 4 qts. 75 cts., pk. \$1.40, bus. \$5.

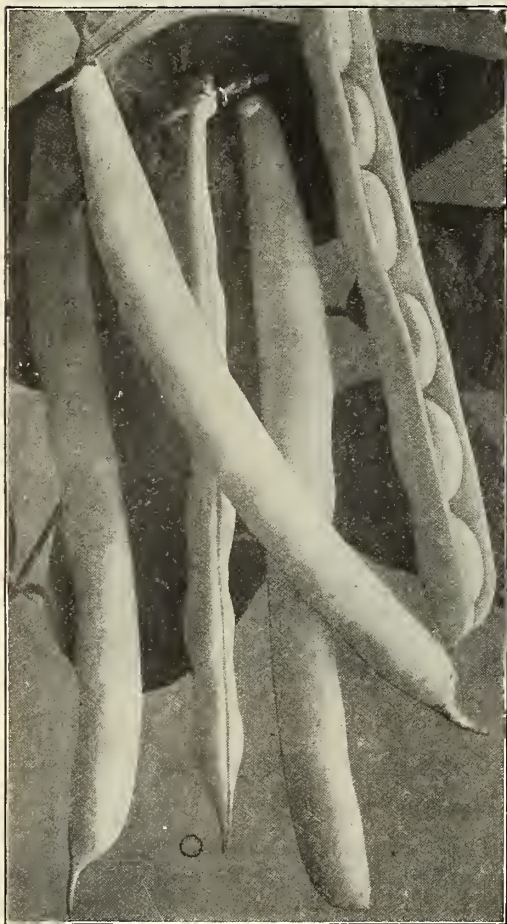
Mammoth Melting Sugar. (Edible pods.) Large, broad pods; very brittle and stringless. 4 ft. Qt. 30 cts., 4 qts. \$1.10, pk. \$2, bus. \$7.50.

From personal experience we find Peas a profitable crop to grow, especially the early smooth sorts.—Furman & McGowan.

BEANS, Dwarf Wax or Butter

Liberal packets, 5 cts. and 10 cts., postpaid. If ordered to be sent by parcel post, add 10 cts. extra for the first pint or quart, and 2 cts. for each additional quart

On account of the adverse season in the Bean-growing section this last year, all Beans, with the exception of the disease-resisting sorts, were a complete failure. We offer a few varieties in limited amounts only. We advise our customers to buy early; prices subject to change without notice.



New Round-Pod Kidney Wax Beans

New Round-Pod Kidney or Brittle Wax Bean

THE MEATTEST, CRISPEST, MOST BRITTLE AND ENTIRELY STRINGLESS BEAN GROWN

Our customers have frequently asked for a round-podded Wax Bean possessing the excellent market

and shipping qualities of the popular Wardwell's Kidney Wax, and this is the first Bean we have ever discovered that will fill the bill. It is the result of long-continued efforts on the part of a specialist to produce an ideal Bean, and those who grow it will know he succeeded beyond question. The plant grows tall, strong and sturdy, with long, round, handsome stringless pods of large size, very solid and full of meat, crisp, brittle and free from rust; wonderfully early and productive. Stock limited. Pkt. 10 cts., pt. 35 cts., qt. 65 cts., 2 qts. \$1.25. See illustration.

Burpee's New Kidney Wax

More robust in growth and more prolific than the popular Wardwell's Kidney Wax, with longer pods, which are more handsome in appearance, entirely stringless, more fleshy, and of much finer quality.

This new Bean resembles the well-known Wardwell's Kidney Wax, except that the pods are narrower and rounder and of a lighter shade of yellow, which makes them more attractive in appearance and they are really of better quality, being thick, brittle and entirely stringless. The vines are very productive, healthy and vigorous, and produce a great crop of long, slender, yellow pods which are often 6 inches in length, and seem to be very free from rust. Stock limited. Pkt. 10 cts., pt. 40 cts., qt. 75 cts.

Hodson Wax

The strong, sturdy plants often grow 2½ feet high and bear enormous quantities of long, meaty pods, measuring 7 to 8 inches in length. They are exceptionally tender and brittle, and if picked before too old they are stringless and of the finest quality. They seem to be absolutely immune from Bean diseases. Not a trace of rust, blight or mildew has, to my knowledge, ever appeared on a plant or pod of these Beans. They mature about two weeks after the extra-early varieties, and, being so enormously productive, we recommend them as an ideal main crop. Thin out to 6 inches in the rows on account of their great size. Qt. 50 cts., 2 qts. 95 cts., 4 qts. \$1.75.

Keeney's Rustless Golden Wax

Of superior quality and productive; pods thick and flat when young and semi-round later. Disease-resisting. Qt. 50 cts., 2 qts. 95 cts.

Golden Cluster Wax Pole Bean

A magnificent variety that bears continually the entire season, having long, broad, golden yellow pods in clusters of four to six, and 8 to 10 inches long; exceedingly tender, stringless, fine-flavored and of the best quality, retaining their plumpness and tenderness long after they have attained a large size. The dried Beans are pure white in color, having a very superior flavor when cooked. Pt. 20 cts., qt. 35 cts., 4 qts. \$1.20, pk. \$2.25, bus. \$9.

BEANS, Dwarf Green-Podded

We supply liberal packets at 5 cts. and 10 cts. each

Burpee's Stringless Green-Pod. Extra early; very prolific; entirely stringless; crisp, tender and of fine quality. Pt. 25 cts., qt. 45 cts., 2 qts. 85 cts., 4 qts. \$1.60.

Improved Early Red Valentine. Extra early; very popular and productive. Pt. 20 cts., qt. 35 cts., 2 qts. 65 cts., 4 qts. \$1.20, pk. \$2.35.

Black Valentine. Popular on account of its blight-resisting qualities; matures early; long, round, straight pods. Pt. 20 cts., qt. 35 cts., 2 qts. 65 cts., 4 qts. \$1.20, pk. \$2.35.

Refugee, or 1,000-to-1. The pods are nearly round, light green, 5 inches long, tapering. Rather later than the other green-podded sorts, but extremely prolific. Pt. 20 cts., qt. 35 cts., 2 qts. 65 cts., 4 qts. \$1.20, pk. \$2.35.

Improved Royal White, or Kidney. Shell or soup Bean. Qt. 30 cts., 2 qts. 55 cts.

Large White Marrow. Shell or soup Bean for winter use. Qt. 25 cts., 4 qts. 85 cts., pk. \$1.60.

POLE or RUNNING BEANS

Dreer's Golden Cluster Wax. The best, most popular and most productive wax Pole Bean; large pods. Qt. 35 cts., 4 qts. \$1.20, pk. \$2.25, bus. \$9.

Kentucky Wonder. Fine green-pod sort; early and productive; entirely stringless. Qt. 30 cts.

White Kentucky Wonder (Stringless Green-Pod). Fine quality; very productive and early; stringless; white seed. Qt. 30 cts., 4 qts. \$1.

White Dutch Case-Knife. Pods long, green and flat; fine for shelling. Qt. 25 cts., 4 qts. 85 cts.

Lazy Wife. Pods green and entirely stringless; enormous producer. Qt. 35 cts., 4 qts. \$1.20.



Burpee's Stringless Green-Pod Beans

BUSH LIMA BEANS

Burpee's Bush Lima is the dwarf prototype of the Large White Lima. It was the best type of the Bush Limas, requiring no poles, and being two weeks earlier than the Pole type. It is now superseded by Burpee's Improved Bush Lima, with pods truly enormous in size, filled with Beans which are both larger and thicker than those of the popular Burpee's Bush Lima, and fully eight days earlier.

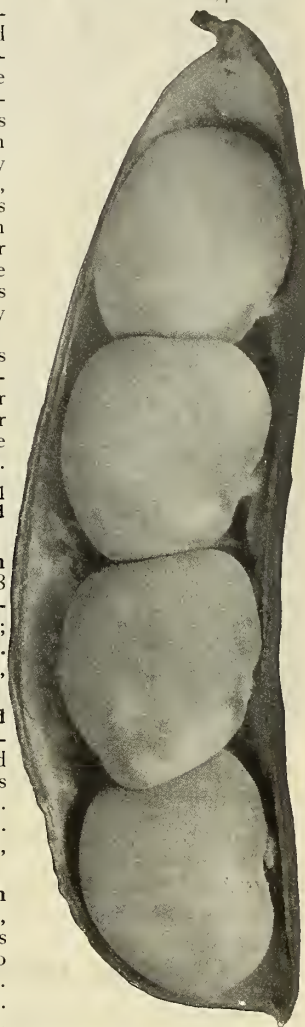
The Fordhook is superior in many respects, earlier, larger in size and a heavier cropper than the Kumerle Bush Lima.

We supply liberal packets at 5 cts. and 10 cts. each.

Burpee's Bush Lima. Bushes 18 to 20 inches. Immense yielder; most popular. Qt. 30 cts., 4 qts. \$1, pk. \$2, bus. \$8.

Burpee's Improved Bush Lima. Sturdy bushes, loaded with enormous pods; very early. Qt. 35 cts., 4 qts. \$1.25, pk. \$2.35, bus. \$9.

Fordhook Bush Lima. Strong, erect growth; pods contain three to five large Beans. Qt. 40 cts., 4 qts. \$1.50, pk. \$2.75, bus. \$10.50.



Fordhook Bush Lima Beans

POLE LIMA BEANS

Put five or six seeds in hills 3 to 4 feet apart each way, placing them edgewise with the eye downward, and covering 2 inches deep. They require a pole 7 feet high, and a good, warm loam. Pinch back when the vine reaches the top of the pole and the yield will be increased. Limas are the most popular table Bean.

We supply liberal packets at 5 cts. and 10 cts. each

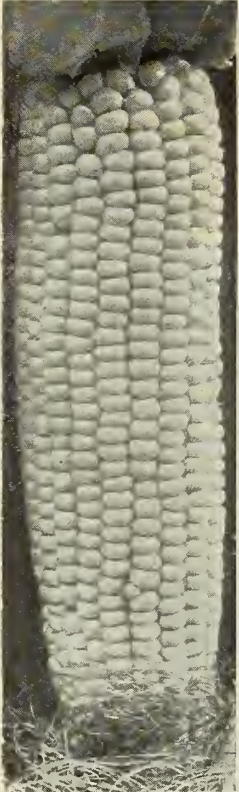
Early Leviathan. The earliest large Lima; very productive. Qt. 30 cts., 4 qts. \$1, pk. \$1.75, bus. \$6.75.

King of the Garden. Most popular; heavy cropper; Beans and pods large. Qt. 25 cts., 4 qts. \$1, pk. \$1.75, bus. \$6.75.

Ford's Mammoth-podded. The largest-podded, finest-flavored and very productive. Qt. 25 cts., 4 qts. \$1, pk. \$1.75, bus. \$6.75.

SWEET CORN

One quart plants 200 hills;
1 peck to the acre



Rice's Early Evergreen

Golden Bantam is the finest extra-early Sweet Corn. The kernels are golden yellow, of the finest quality; it is, without doubt, the sweetest Corn grown. The stalks are dwarf and sturdy in growth, bearing two or more ears well above the ground. The ears are 5 to 7 inches in length. This grand Corn deserves a trial in your garden. Premo and Peep-o'-Day are the sweetest and most prolific of the extra-early white varieties. Kendel's Early Giant is the largest, finest, first-early Sweet Corn, noted for its extreme earliness and large ears. Early Minnesota is the most popular of the second-early varieties; ears of fair size and good quality. Rice's Early Evergreen is about ten days earlier, equal in quality and almost as large as Stowell's Evergreen; a most popular variety. Country Gentleman is entirely distinct; cob small, with deep, pearly white, pointed grains. Stowell's Evergreen, the standard main crop, is of the best quality; ears and foliage large; it is the best-known variety for the home and market-garden.

Liberal packets, 5 cts. and 10 cts., postpaid. If ordered to be sent by parcel post, add 10 cts. extra for the first pint or quart, and 2 cts. for each additional quart

Golden Bantam. Finest quality; extremely early. See description below. Qt. 25 cts., 4 qts. 70 cts., pk. \$1.25, bus. \$5.

Peep-o'-Day. One of the sweetest and most prolific extra-early, dwarf sorts. Qt. 20 cts., 4 qts. 60 cts., pk. \$1.10, bus. \$4.25.

Premo. One of the earliest dwarf varieties. Qt. 20 cts., 4 qts. 60 cts., pk. \$1.10, bus. \$4.25.

Kendel's Early Giant. Noted for its large size, fine quality and extreme earliness. Qt. 20 cts., 4 qts. 60 cts., pk. \$1.10, bus. \$4.25.

Mammoth White Cory. Pure white when cooked; a most excellent, large and very early sort. Qt. 20 cts., 4 qts. 60 cts., pk. \$1.10, bus. \$4.25.

Minnesota. Deservedly popular, both for market and family garden; second-early. Qt. 20 cts., 4 qts. 60 cts., pk. \$1.10, bus. \$4.25.

Adams' Early. Not a sugar Corn, but grown extensively all over the country for market purposes. Qt. 20 cts., 4 qts. 60 cts., pk. \$1, bus. \$3.50.

Rice's Early Evergreen. Equal in quality and ten days earlier than Stowell's Evergreen. Qt. 20 cts., 4 qts. 60 cts., pk. \$1, bus. \$4.

Country Gentleman. Distinct from other varieties; deep kernels. Qt. 20 cts., 4 qts. 60 cts., pk. \$1.10, bus. \$4.25.

Stowell's Evergreen. The standard for quality, and the best-known variety; a favorite with market-men. Always brings good prices on account of its extra-high quality and remains a long time in condition suitable for boiling. Qt. 20 cts., 4 qts. 60 cts., pk. \$1, bus. \$3.75.

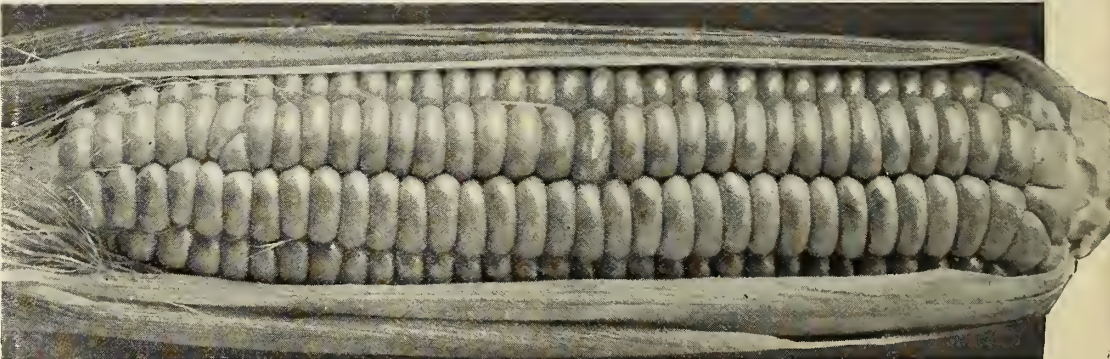
Howling Mob. A large-eared, early, Sweet Corn, ready for use about five days later than First of All, generally producing two good ears to a stalk, averaging 7 to 9 inches long, with twelve to fourteen rows of pearly white grains. The stalks grow 4 to 5 feet high. An excellent home or market sort. Qt. 25 cts., 4 qts. 70 cts., pk. \$1.25, bus. \$4.50.

POP CORN, White Rice and Golden Queen. The only difference is in color. Both varieties pop freely. A pure snow-white and very large. Pt. 10 cts., qt. 20 cts., 2 qts. 35 cts.

Golden Bantam Sweet Corn

THE EARLIEST AND SWEETEST
YELLOW-GRAINED VARIETY

Golden Bantam is as distinct in flavor from that of the white varieties as in color, being almost literally "sweet as honey." It is, without doubt, the sweetest and best variety of Corn we know of. Having once tasted the flavor of Golden Bantam Corn, to the connoisseur the taste of other varieties become commonplace. We find our customers that are acquainted with Golden Bantam and desire quality and not quantity, gladly pay a premium from two to five cents per dozen ears above that asked for the largest-eared white varieties. Qt. 25 cts., 4 qts. 70 cts., pk. \$1.25, bus. \$5.



Golden Bantam Sweet Corn

TABLE BEETS

One ounce to 50 feet of drill; 5 to 6 pounds to the acre in drills

Liberal packets, 5 cts. each

Crosby's Egyptian. The best for early market; as early as the original strain of Egyptian; is thicker and less inclined to push up a woody neck as it advances in growth. The Beets are fine-grained, tender and cook to a beautiful color. Fine for market. Oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

Detroit Dark Red. Form globular or ovoid; smooth roots, with small tops; skin blood-red; flesh dark red, zoned with a lighter shade, tender and sweet. Deservedly a popular favorite for canning, because of its extra-deep dark red color. Oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

Eclipse Blood Turnip. Very early, round, smooth and dark red. Flesh is remarkably tender, fine-grained and of excellent flavor. Our strain of this variety is very select; it has a very small top, and is one of the best for market. Oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

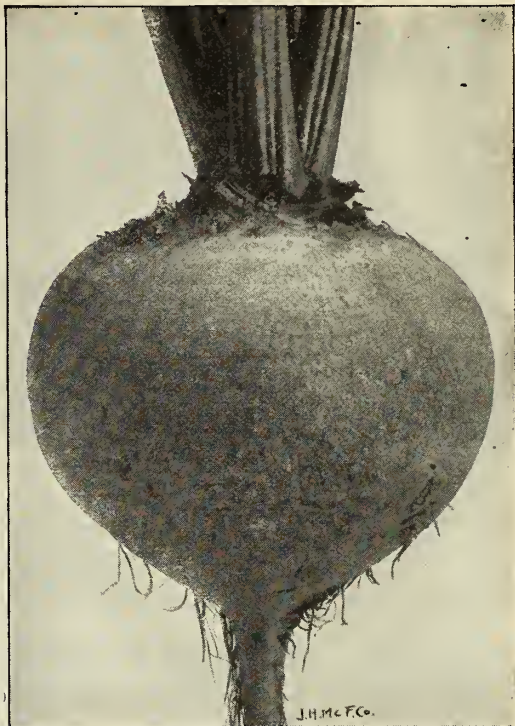
Swiss Chard, Silver or Sea Kale Beet. Grown exclusively for its leaves. The middle of the leaf can be used and served like asparagus, the rest of the leaf like spinach. Oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

MANGEL-WURZEL AND SUGAR BEETS

Of great value for feeding stock, poultry, etc.

Golden Tankard. Yellow flesh; large and sweet; a heavy cropper. Oz. 5 cts., $\frac{1}{4}$ lb. 15 cts., lb. 40 cts.

Long Red Mammoth Prize. Attains enormous size; the most popular variety. Oz. 5 cts., $\frac{1}{4}$ lb. 15 cts., lb. 40 cts.



Crosby's Egyptian Beet

Sugar, Lane's Imperial. White-fleshed; productive; fine for stock or table. Oz. 5 cts., $\frac{1}{4}$ lb. 15 cts., lb. 40 cts.

Sugar, Giant Feeding. White-fleshed; most profitable for stock-feeding. Oz. 5 cts., $\frac{1}{4}$ lb. 15 cts., lb. 40 cts.

CARROTS

Liberal packets, 5 cts. each

Danvers Half-long. The best sort for the family garden; grows 6 to 8 inches in heavy soil; roots dark orange in color. Oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

Improved Long Orange. Excellent for stock or table use; roots deep orange, 12 to 15 inches long, in rich soil. Oz. 15 cts., $\frac{1}{4}$ lb. 25 cts., lb. 90 cts.

Oxheart, or Guerande. Roots short and very thick; color deep orange; fine-grained and sweet; easily dug; annually grows in favor. Oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

ASPARAGUS

Palmetto. Shoots are very large and light green. Tender and very desirable; rust-resisting. Oz. 10 cts., $\frac{1}{4}$ lb. 15 cts., lb. 50c.

BRUSSELS SPROUTS

Carter's Perfection. A species of cabbage; cultivation is the same. A new variety of fine quality and compact growth. Oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

DANDELION

Improved Broad-leaved. A new strain, highly recommended for market-gardens. Oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.

Cultivated, or French Common. Oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25.

EGGPLANT

Black Beauty. The earliest large variety. Oz. 30 cts., $\frac{1}{4}$ lb. \$1.

New York Improved Purple Spineless. Oz. 30 cts., $\frac{1}{4}$ lb. \$1.

ENDIVE

Broad-leaved Batavian. Heads large, leaves broad. Oz. 15 cts., $\frac{1}{4}$ lb. 40 cts.

Green Curled Winter. Hardest variety. Oz. 15 cts., $\frac{1}{4}$ lb. 40 cts.

White Curled. For early use. Oz. 15 cts., $\frac{1}{4}$ lb. 40 cts.

GOURDS

Dipper, Dish-Cloth and Japanese Nest-Egg. Oz. 15 cts., $\frac{1}{4}$ lb. 40 cts.

Fancy Varieties Mixed. Oz. 15 cts., $\frac{1}{4}$ lb. 40 cts.



Danvers Half-long Carrot

LIBERAL PACKETS OF THE ABOVE, 5 CTS.



Copenhagen Market Cabbage

New Early Cabbage Copenhagen Market

The type is thoroughly fixed, the heads maturing all at the same time, this being a great consideration to market-gardeners, entailing less labor in harvesting the crop, and allows the ground to be cleared at the first cutting. The heads average about eight pounds each in weight, are very solid, with small core and of fine quality. It matures as early as Charleston Wakefield, and will give a much heavier yield to the acre than that popular variety. The plant is short-stemmed, the heads being produced almost on the ground level. The leaves are light green, rather small, saucer-shaped, and always tightly folded. The plants, therefore, can be set closer than is usual with varieties of similar size. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50.

The Famous Houser Late Cabbage

Two weeks later than any strain of the Flat Dutch type; in solidity almost as hard as the Danish Ballhead; shape round and deep; large and solid; quality good. Its extremely late date in maturing makes it a desirable sort for winter storage. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.50.

OTHER VARIETIES OF CABBAGE

Liberal packets, 5 cts. each, except where noted

Copenhagen Market. New. Nearly as early as Wakefield, with large, round, solid heads. (See full description above.) Oz. 30c., $\frac{1}{4}$ lb. \$1, lb. \$3.50.

Burpee's All-Head Early. Deep flat heads; sure header. Oz. 20 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.25.

Charleston Large Wakefield. Large pointed heads. Oz. 20 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.25.

Danish Ballhead. Very best winter sort, round head. Oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Danish Round Head. Very hard and heavy; short stem. Oz. 25 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.25.

Early Flat Dutch. A good early variety. Oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Henderson's Early Summer. Standard variety. Oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Red Rock (Henderson's Mammoth). Best red sort. Oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Premium Late Flat Dutch. Most popular late variety. Oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Early Jersey Wakefield (Rice's Selected). Extra early. Oz. 25 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.25.

Early Winnigstadt. Heads cone-shaped; very popular. Oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Rice's Sure Head. Finest late cabbage. Oz. 20 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.25.

Savoy Perfection Drumhead. Best of the Savoy. Oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

The Lupton. A thoroughbred late Cabbage. Oz. 25 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.25.

Houser. A very good late sort. (See full description above.) Oz. 20 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.50.

Chinese Celery Cabbage. New. Grows like lettuce. Pkt. 10 cts., oz. 35 cts.

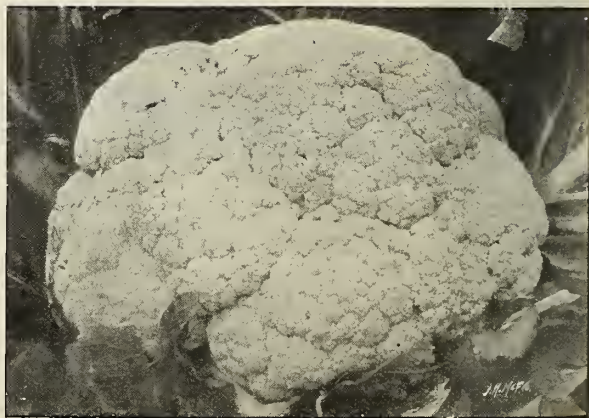
CAULIFLOWER

HENDERSON'S EARLY SNOWBALL

This is undoubtedly the finest variety ever introduced; it is the earliest, and produces beautiful snow-white heads of the most delicious flavor. A splendid market variety. The seed we offer is pure and genuine, and sure to prove satisfactory. The culture of Cauliflower is very similar to that of cabbage. It is best to select new ground, as it does not succeed where other vegetables have been grown year after year. Pkt. 5 cts., $\frac{1}{8}$ oz. 40 cts., $\frac{1}{4}$ oz. 70 cts., oz. \$2.25.

CORN SALAD

Large Green-Cabbaging. Liked as a substitute for lettuce. Oz. 10 cts., $\frac{1}{4}$ lb. 15 cts., lb. 50 cts.



Henderson's Early Snowball Cauliflower

GIANT PASCAL CELERY

THE FINEST-FLAVORED CELERY GROWN

Giant Pascal is, without doubt, the best Celery for the home market. Has a fine, nutty flavor; is crisp, tender and a good keeper. Unfortunately, this grand Celery requires careful attention during the growing season. It, as well as other Celery, must be sprayed early and often to prevent blight, and keep in control the Celery beetle. This variety should not be transplanted to the field until the middle of July. It is a winter Celery and not suited for summer or early fall use. The ground should be well prepared, fairly fertile and fertilized heavily with acid phosphate and potash. If the ground contains too much nitrogen, it will grow too rank and become hollow. Our stock of Giant Pascal is the best obtainable, high grade and pure bred, grown by the most careful Celery specialist in France. Our other varieties are equally well grown and pure bred. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.25.

OTHER VARIETIES

One ounce will produce 7,000 plants

Liberal packets, 5 cts. each

Dwarf Golden Heart. Excellent keeper. Oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

Dwarf Golden Self-blanching. French-grown. Oz. \$1.25, $\frac{1}{4}$ lb. \$4.35.

Improved White Plume. Very early; silvery white leaves. Oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

New Rose. Best of all red varieties; fine keeper. Oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

Winter Queen. Fine winter variety; very popular. Oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.



Giant Pascal Celery

THE DAVIS PERFECT CUCUMBER

One ounce will plant 50 hills;
two pounds will plant an acre

Plant the Davis Perfect, and you will raise in the open ground Cucumbers that will sell in any market at the same price as the high-priced hothouse forcing Cucumbers. As now selected, this popular new variety is well worthy of praise. The long, even fruits are of fine form, with an intensely dark, rich green skin; has very few seeds; solid, white flesh, of superb quality for slicing. So handsome and regular are the fruits that they bring an extra price on market—often being taken for "hothouse-grown." The vines are of strong growth and very prolific. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts.

Liberal packets, 5 cts. each

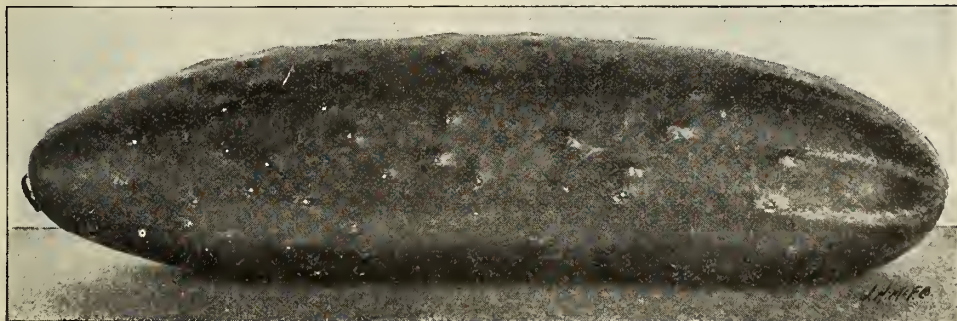
Boston Pickling. One of the best for pickling. Oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 70 cts.

Fordhook Pickling. Very prolific variety. Oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 70 cts.

Early Cluster. Fruit small; light green. Oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 70 cts.

Long Green Improved. Standard sort. Oz. 10 cts., oz. 20 cts., lb. 70 cts.

White Spine Arlington Improved. Very reliable. Oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 70 cts.



The Davis Perfect Cucumber

ONION SEED

One ounce will plant 100 feet of drill; 5 to 6 pounds in drills for an acre. For sets, from 50 to 60 pounds should be sown to the acre, according to the richness of the soil

Liberal packets, 5 cts. each



Yellow Globe Danvers Onion

Yellow Globe Danvers, Our Finest Strain. This is the product of years of careful selection, and is the most perfect type of the Yellow Globe Danvers Onion which intelligent, painstaking care can produce. It is immeasurably superior to the average seed offered, not only in shape and color, but in productiveness. This, our special strain, is all grown from selected, hand-picked bulbs, none but those perfect in size and shape being set for seed, and the product will be just as perfect in all points. Oz. 20c., $\frac{1}{4}$ lb. 70c., lb. \$2.25.

Yellow Globe Danvers. Undoubtedly the best known and most popular of all Onions; the earliest yellow variety; is entirely free from stiff necks. Globular in shape; has a small top. It is the most productive, producing as high as 1,000 bushels to the acre, and will average on good soil, with proper culture, 700 to 800 bushels. Oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Prizetaker. This variety excels every Onion now existing in beauty, size and productiveness, and equals the best in quality. The color is a bright straw, and it always grows to a uniform shape, which is nearly a perfect globe. Our seed is the choicest American-grown, and not imported Spanish King as sold by some dealers at low prices under the name of Prizetaker. Oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Large Red Wethersfield. Onion-growers who prefer the red varieties will find our pedigree strain far surpassing the ordinary Red Wethersfield in size, productiveness and keeping qualities. It is of the finest form, skin deep purplish red; flesh purplish white. Oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

White Portugal, or Silverskin. A large, flat, white Onion of mild and pleasant flavor; hard and fine-grained, and a good keeper. Extensively sown for sets, and is also largely grown for pickling. Oz. 20 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75.

Philadelphia Yellow Dutch, or Strasburg. The sets of this variety grow round, plump and bright. Full-sized Onions are somewhat flattened; flesh pure white, mild-flavored and an excellent keeper; skin bright yellow. Oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Rice's White Pickling. We believe this to be the earliest and most rapid-growing of all the small, extra-early varieties. As a pickling Onion, it excels all others; for bunching it cannot be equaled. Oz. 20 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75.

Southport Large Red Globe. Large and handsome, globe-shaped, and in color a purplish crimson. It is a good keeper and always realizes high prices. Oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Southport White Globe. A large, globe-shaped Onion; firm, fine-grained, of mild flavor; keeps well. This is one of the handsomest Onions grown, of beautiful shape, clear, white skin, and commands the highest market price. Oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.

Southport Yellow Globe. Like the well-known White Globe except in color of skin; of large size. An excellent keeper; fine for market. Oz. 15 cts., $\frac{1}{4}$ lb. 55 cts., lb. \$2.



Southport White Globe Onion

ONION SETS

White and Yellow Onion Sets. Grown from our select strains of Onion seed. The price per bushel is subject to change with the market. Write for quotations.

GROWERS OF THIS VEGETABLE WILL FIND INTERESTING READING IN OUR BOOK, "PROFITABLE ONIONS," FREE ON APPLICATION

RADISHES

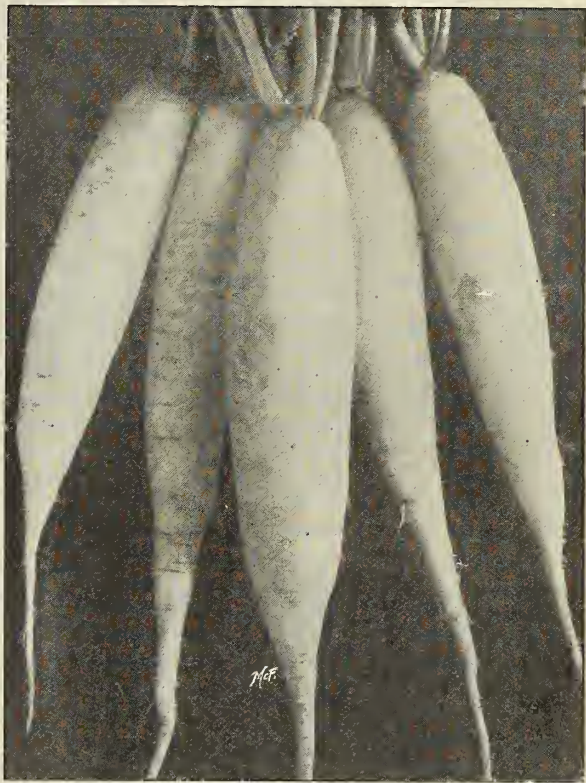
One ounce will sow 100
feet of drill

The small, round, short-top Radishes of the red- and white-tipped sorts are the quickest in maturing and best suited for early outdoor frame and greenhouse culture. Amongst those that stand out preëminently are our Fireball and Button Radishes of the deep red sorts. Our strains of the white-tipped varieties are unsurpassed; they are bright red, with pearly white bottoms, crisp and tender. Our White-tipped Forcing Radishes are specially selected for frame and indoor forcing. The second-early or finger Radishes include such varieties as Long Scarlet Short-Top and Long Bright Scarlet, which are the best of the red sorts. Of the white varieties, Long Icicle is supplanting all other varieties because of its excellent, superior quality. It is, without doubt, the tenderest, crispest and best flavored of the Radishes, and each year grows in popularity. French Breakfast is the ideal olive-shaped Radish. The summer varieties, those best suited to withstand the dry, warm weather of summer, are the Long Chartier, White Strasburg and Lady Finger; the latter is the tenderest and brittlest, and is surpassed in earliness and mild crispness only by the Long Icicle. The most popular of the winter varieties is the White Chinese (Celestial), which is the largest and best known, producing large roots, clear white in color. The Rose Chinese is a Radish of medium size; the skin is a deep, bright rose. These Radishes do not succeed from spring sowing, but make fine, large Radishes from seed planted the last of July, to come on for the market during the cool winter months.

Radishes, to be crisp and tender, must be grown quickly in rich, loose soil and gathered before reaching full size, as they soon become soft and pithy; this is especially so of the small, turnip-shaped varieties—the long varieties will “stand longer.” Seed should be sown thinly in drills when the trees are starting out in leaf, and successive plantings made one week apart.

Liberal packets, 5 cts. each

- Early Scarlet Turnip, or Button.** Oz. 10 cts., $\frac{1}{4}$ lb. 15 cts., lb. 40 cts.
Early Scarlet Turnip, White-tipped. Oz. 10 cts., $\frac{1}{4}$ lb. 15 cts., lb. 40 cts.
Extra-Early Scarlet Turnip, Forcing. Oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 60 cts.
Extra-Early Scarlet Turnip, White-tipped, Forcing. Oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 60 cts.
Fireball, or Non Plus Ultra. Earliest of all. Oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 60 cts.
Philadelphia White Box. Beautiful white; round. Oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts.
Scarlet Button. Burpee's Earliest. Oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts.
French Breakfast. Pink; olive-shaped. Oz. 10 cts., $\frac{1}{4}$ lb. 15 cts., lb. 40 cts.
Vick's Scarlet Globe. Very early. Oz. 10 cts., $\frac{1}{4}$ lb. 15 cts., lb. 40 cts.
Long Brightest Scarlet. Crisp and of rapid growth. Oz. 10 cts., $\frac{1}{4}$ lb. 15 cts., lb. 50 cts.
Long Chartier. Tender and crisp; best for summer. Oz. 10 cts., $\frac{1}{4}$ lb. 15 cts., lb. 40c.
Long Icicle. The finest white variety. Oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts.
Long Scarlet Short-Top. Standard. Oz. 10 cts., $\frac{1}{4}$ lb. 15 cts., lb. 40 cts.
Long White Lady Finger. Finest for summer sowing. Oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 40c.
Long Black Spanish. Fall or winter. Oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 40 cts.
Round Black Spanish. Fall or winter. Oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 40 cts.
Rose China Winter. For fall and winter use. Oz. 10 cts., $\frac{1}{4}$ lb. 15 cts., lb. 40 cts.
White Chinese, or Celestial. For fall and winter use. Oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 60c.



Long Icicle Radishes

SQUASH

Liberal packets, 5 cts. each

- Boston Marrow.** Fine fall variety. Oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 65 cts.
Essex Hybrid, or Hard-shelled Turban. Oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 90 cts.
Mammoth White Bush, Scalloped. Summer sort. Oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.
Golden Summer Crookneck. Standard variety. Oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.
Chicago Warted Hubbard. A superior strain. Oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 90 cts.

SPINACH

Liberal packets, 5 cts. each

- New Zealand.** New and distinct; grows well during hot weather. Oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50c.
Bloomsdale Savoy-leaved. Leaves curled and crinkled. Oz. 5 cts., $\frac{1}{4}$ lb. 15 cts., lb. 30 cts.
Victoria. Fine for spring sowing. Oz. 5 cts., $\frac{1}{4}$ lb. 15 cts., lb. 30 cts.

Our Field Seed Department is the most complete in this part of the state. The quality is the best and not misrepresented.



New Stone Tomatoes

TOMATO

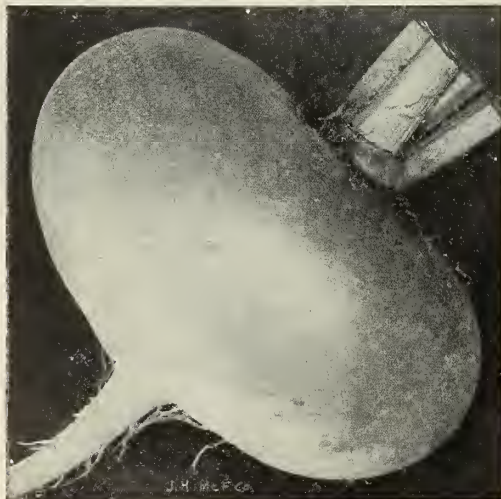
One ounce will produce
1,500 plants

Liberal packets, 5 cts. each

Earliana. A very popular extra-early red. Our strain of this popular variety shows few, if any, of the rough fruits found in numerous quantity in other early sorts, and among many strains of Earliana. This variety is of compact growth, with stout-jointed branches. Yields well and the fruit is solid and of fine quality. Our trials show that it is without a superior. Oz. 25 cts., $\frac{1}{4}$ lb. 75c.

Chalk's Early Jewel. Within two weeks as early as the famous Earliana, it is even a heavier cropper, with Tomatoes of larger size and sweeter flavor, while its more robust growth makes it a sure cropper. Large, handsome fruits; very solid; ripens right up to the stem without any cracks or green core. Oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

Crimson Cushion, or Beefsteak. Bright crimson; extra large; handsome. Oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.



Red- or Purple-Top Strap-Leaf Turnip

New Stone. A great favorite with gardeners; the heaviest and most solid-fruited of the large Tomatoes of good quality. Our stock is distinctly superior to most of that offered under this name, being more uniform, better colored and larger. Fruit round, apple-shaped, very large, deep red and astonishingly heavy. Oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

Dwarf Stone. New. As early and nearly double the size of Dwarf Champion; much more productive. Oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

Ponderosa. Very large, solid and of good flavor; specimens have been grown to weigh four pounds; color bright red. Oz. 30 cts., $\frac{1}{4}$ lb. 85 cts.

Livingston's Coreless. New. A most promising large, bright red, main-crop, globe-shaped Tomato. Oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

Truckers' Favorite. The finest, large, purple-fruited sort. Oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

Dwarf Champion. Distinct in foliage and habit of growth, being compact and upright; fruit smooth; purplish red. Oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

Golden Trophy, Pear-shaped Red and Pear-shaped Yellow, Red Cherry. Oz. 20 cts.

TURNIP

Liberal packets, 5 cts. each

Red- or Purple-Top Strap-Leaf. Best-known variety. Oz. 5 cts., $\frac{1}{4}$ lb. 15 cts., lb. 40 cts.

Red-Top White Globe. A popular market sort. Oz. 5 cts., $\frac{1}{4}$ lb. 15 cts., lb. 40 cts.

White Egg. Pure white; egg-shaped; early or late. Oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts.

Yellow Globe. Oz. 5 cts., $\frac{1}{4}$ lb. 15 cts., lb. 40 cts.

Cow Horn, Long White. A valuable soil-enricher. Oz. 5 cts., $\frac{1}{4}$ lb. 15 cts., lb. 40 cts.

Rutabaga, Improved American. Purple top, yellow skin. Oz. 5 cts., $\frac{1}{4}$ lb. 15 cts., lb. 40 cts.

SALSIFY (Vegetable Oyster)

Mammoth Sandwich Island. Oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

CHAAPEL'S GILT-EDGE SWEET PEAS

A magnificent mixture of new Spencer and Grandiflora varieties; the large-flowering kinds, most artistically frilled and waved, with long stems. No common kinds used.

This Special Mixture has in the past been more largely planted than any others, and it promises this year to be better than ever. We have been fortunate in securing a splendid stock of really new and rare sorts that cannot fail to please the most critical Sweet Pea enthusiast.

Our customers usually prefer a mixture where all colors are represented, the lighter shades, including pink, white and lavender, being especially prominent. We secure this most satisfactory result by blending some thirty or more of the choicest named varieties, embracing every desirable color and shade. No better Sweet Peas for general cultivation can be produced at any price.

Full ounce pkt. 10 cts., 3 ozs.
25 cts., lb. \$1

New Spencer or Orchid-Flowering

Nothing within recent years can approach in importance the introduction of the Spencer Sweet Peas. Though but a few years old they revolutionize all former conclusions. They are distinguished from the standard sorts by the enormous flowers, with crinkled and wavy petals, and also from the fact that they usually bear four blossoms on a stem.

Large pkt. 10 cts., oz. 20 cts., 1/4 lb. 60 cts.

White Spencer. A magnificent clear white.

Countess Spencer. A lovely clear rose-pink, shading deeper at the edge.

Florence Morse Spencer. Delicate blush, with pink margin.

Asta Ohn Spencer. Charming soft lavender.

Elfrida Pearson. A lovely pink; buds tinted with salmon-rose.

King Edward Spencer. Bright crimson-scarlet, the best of its color.

Clara Curtis. A primrose Spencer.

Othello Spencer. Deep, rich maroon.

Superb Spencer Mixture

Blended from only the Giant Waved Spencer varieties, including a number of new hybrids of exquisite colors and shades. We are sure this mixture will give absolute satisfaction. Oz. 15 cts., 1/4 lb. 40 cts., lb. \$1.50.

A Critical Selection

including the best of the Large-flowering or Grandiflora Sweet Peas. You will find these most desirable for their rich and distinct colors. Oz. 10c., 3 ozs. 25c., lb. 80c.

Choice Mixed Colors

All bright colors, assorted in proper proportions. Oz. 5 cts., 1/4 lb. 20 cts., lb. 60 cts.



Chaapel's Gilt-Edge Sweet Peas

Long-Branching ASTERS

**Brilliant Flowers in Gorgeous
Masses and Beds. Beautiful as Cut-
Flowers in Vases**

This superb strain of American origin we find especially adapted to the wants of our customers to the exclusion of other equally desirable sorts. The plants form strong, branching bushes, bearing their large, handsome flowers on long, stiff stems, placing them at the head of all Asters for cutting. We offer five beautiful and distinct colors, Pure White, Shell-Pink, Deep Rose, Pale Lavender and Deep Purple. Our Special mixture of Giant Asters is a magnificent mixture, producing beautiful flowers, gigantic in size, gorgeous in colors, perfect in form. Our strain has been especially selected from the finest, large-sized, double-flowering types.

All colors mixed, large pkt. 10 cts., 3 pkts. 25 cts., 5 pkts. 35 cts., 1/4oz. 50 cts.; small pkt. 5 cts., 6 pkts. 25 cts.

Special prices to Florists and Gardeners who grow for market.

Of all the flowers in the garden, none will give more genuine satisfaction than the Aster. The early sorts begin in mid-summer and the late varieties carry the garden well into chrysanthemum time.



Chaapel's Superb Long-Branching Asters

New Crego Aster

The twisted and curled petals give the flower the appearance of a huge, flat chrysanthemum. The flowers are very large, often measuring 5 inches in diameter. The strong, erect stems average 20 to 24 inches in length. Though the flowers are large, they are produced in abundance. Mixed colors, large pkt. 10 cts.

Asterum Aster

**THE LARGEST-FLOWERING OF ALL
ASTERS**

A mid-season variety. Each plant yields from ten to fifteen blooms, large and double, which last a long while after being cut. Mixed colors, pkt. 10 cts.

Queen of the Market Aster

The most popular of the extra-early sorts, and is grown extensively for market purposes. We devote much care to the keeping of our strain up to the highest standard. All colors mixed; large pkt. 10 cts.



Asterum Aster

POPULAR FLOWER SEEDS

**That Bloom the
First Season**

These are all easily grown and will bloom freely and give you a great variety of color and delightful fragrance throughout the summer season.

Except where noted, all varieties, pkt. 5 cts., 6 pkts. 25 cts.

ALYSSUM. One of the most popular garden flowers; remaining in bloom the entire season; used for edging or in rockeries or vases.

White Carpet. Dwarf, compact plants, densely covered with large, pure white flowers. Height, 4 inches. Oz. 50 cts.

Sweet. The popular old-fashioned sort, the best for broad edges and vases; pure white. Height, 6 inches. Oz. 25 cts.

ANTIRRHINUM (Snapdragon). A splendid plant for beds or borders. Mixed colors.

BALLOON VINE. A rapid-growing annual climber, with white blossoms; seed-pods look like miniature balloons.

BALSAM (Lady's Slipper). An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliantly colored, double flowers in the greatest profusion; of easy culture. Choice mixed colors.

CALLIOPSIS. Showy and beautiful free-flowering annuals. Choice mixed colors.

CORNFLOWER (Centaurea). These are also known as Bachelor's Buttons, Blue Bottle, Ragged Sailor, Bluet and Kaiserblumen.

Cyanus, Blue. The favorite dark blue sort so much in demand for cutting. Oz. 30 cts.

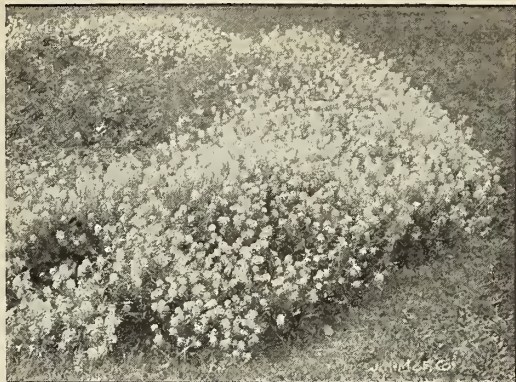
Mixed. Blue, white, rose, etc. Oz. 25 cts.

EXTRA-EARLY COSMOS. Seed sown in the open ground early will produce plants completely covered with fine flowers two months before the late-flowering kinds. While the flowers are not so large as the late sort, they are of good size and will undoubtedly perfect their blooms in the most northerly states.

Mixed. All colors. Pkt. 5 cts., large pkt. 10 cts., 1/4oz. 25 cts.



Extra-early Cosmos



Sweet Alyssum

MAMMOTH-FLOWERING COSMOS MIXED.

The flowers of this improved Cosmos grow very large, often measuring 3 inches in diameter, and are of the most delicate colors, shading from pure white to deep red and purple. The plants grow from 5 to 6 feet high, and the flowers have long, graceful stems, and are most attractive and beautiful. In order to get them to flower early in the fall in this latitude the seed should be sown in pots or boxes in March and the plants set out in the open ground in May. Pkt. 5 cts., large pkt. 10 cts., 1/4oz. 25 cts.

CANTERBURY BELLS. The seeds should be sown by mid-April. By July 15, the little plants should be transplanted to the places where they are to bloom the following summer.

CANDYTUFT, White Rocket. Good spikes of pure white.

Mixed Colors. Very showy. Oz. 25 cts.

COBÆA scandens (Cup-and-Saucer Vine). Well-known climber of rapid growth, producing large, bell-shaped, purple blossoms; in sowing, place the seeds edgewise, and merely cover with light soil. Pkt. 10 cts.

CYPRESS VINE. A very graceful, annual climber, with feathery foliage and beautiful, star-like flowers. Mixed colors.

CLARKIA. This pretty and easily grown annual has been much improved lately. 1/4oz. 15 cts.

CALIFORNIA POPPY (Eschscholtzia). An elegant hardy annual with fine cut foliage, and large, poppy-like flowers; in bloom from June until frost; fine for borders or large beds; 1 foot. Oz. 30 cts.

DIANTHUS, or PINKS. A most satisfactory class of flowers, easily raised from seed, and which are in constant bloom the entire season; fragrant.

Heddewigi (Single Japan Pink). Finest selected single-flowered. Mixed, 1/4oz. 25 cts.

Heddewigi fl.-pl. (Double Japan Pink). Colors varying from the richest velvety crimson to the most delicate rose. Mixed, 1/4oz. 25 cts.

MARGUERITE CARNATIONS. These are deservedly the most popular Carnations with the amateur, as they begin flowering in a few weeks from time of sowing.

Mixed. All colors. Pkt. 10 cts., 1/4oz. 30 cts.

POPULAR FLOWER SEEDS, continued

DOLICHOS (Hyacinth Bean). Rapid-growing climber, bearing a profusion of bean-like flowers. Choice mixed colors. Oz. 15 cts.

GOURD, Ornamental. Rapid-growing, annual climbers for covering arbors, fences, etc., with ornamental foliage and curious-shaped fruit. Oz. 20 cts.

HOLLYHOCK. One of the most popular and desirable of hardy perennial plants; excellent for planting among shrubbery or forming a background for other flowers. Height, 6 to 7 feet.

KOCHIA trichophylla (Summer Cypress, or Mexican Fire Bush). An easily grown annual which grows into a cypress-like hedge, with feathery green foliage; at the approach of autumn the foliage turns to a deep red color. Height, 2 to 3 feet.

MOONFLOWER (*Ipomœa noctiflora*). At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers. Pkt. 10 cts.

MARVEL OF PERU, Choice Mixed (Four-o'Clock). Bushy plants of easy culture, producing hundreds of flowers during the entire summer. Choice mixed colors. Height, 2 feet. Oz. 15 cts.

MORNING-GLORIES. One of the most popular annual climbers.

Choice Mixed Colors. Oz. 15 cts.

Japanese Imperial. Flowers of immense size and of a great variety of colors. $\frac{1}{2}$ oz. 15 cts.

MYOSOTIS (Forget-me-not). An everblooming variety, beginning in May and continuing till autumn. Large, clear blue flowers in pretty sprays. Pkt. 10 cts.

MARIGOLD. Popular free-blooming garden plants of the easiest possible culture. Imbricated flowers of immense size in all shades of yellow. $\frac{1}{4}$ oz. 15 cts.

MIGNONETTE, Sweet-scented. Valuable for cutting on account of its fragrance; sow in succession during the whole summer. Oz. 15 cts.

Machet. Large, reddish tinted, sweet-scented flowers. Pkt. 10 cts., $\frac{1}{4}$ oz. 15 cts.

PANSY. Our strains of this popular flower are procured from the leading Pansy specialists, and cannot be surpassed for size and form, beautiful markings and brilliancy of colors and shades.

Very Fine Mixed. $\frac{1}{4}$ oz. 25 cts.

PETUNIAS. Finest striped and blotched, making a grand show of color all season. Choice mixed colors. $\frac{1}{4}$ oz. 30 cts.

PHLOX DRUMMONDII. One of our finest hardy annuals, easily grown from seed; makes a brilliant display as a summer bedding plant. Mixed colors. $\frac{1}{4}$ oz. 25 cts.

POPPY, Shirley. An improved strain of this lovely race of Poppies, varying in color from pure white and delicate pink to rosy carmine and deep crimson, in mixture. A bed of these Poppies produces a gorgeous effect. Mixed. $\frac{1}{4}$ oz. 15 cts.

Carnation-flowered. Double, fringed. Mixed. $\frac{1}{2}$ oz. 15 cts.

PORTULACA, Single Mixed. Dwarf-growing plants of easy culture, thriving best in a light, sandy soil and a sunny situation; flowers of the brightest colors. $\frac{1}{4}$ oz. 15 cts.

RICINUS (Castor-Oil Bean). These ornamental plants are used with great effect on lawns, as centerpieces in flowering beds, such as cannas, etc. Oz. 15 cts.

NASTURTIUMS. Our Gilt-edge Mixtures are especially rich in brilliant colors, large flowers and free-blooming qualities. For ease of culture, duration of bloom, brilliancy of coloring and general excellence, nothing excels Nasturtiums. All they need is a moderately good soil, in a well-drained, sunny position, and within a few weeks from the time they are sown until hard frost comes there is an endless profusion of their gorgeous blossoms. They seem to flourish under the most trying conditions, and the more often the flowers are cut, the more profusely do they bloom. If you want large flowers and plenty of them, don't let them go to seed.

Oz. 10 cts., 3 ozs. 25 cts.

Tall or Climbing, Choicest Mixed Varieties, Tom Thumb Dwarf, or Bedding Varieties, Mixed. The plants grow low and bushy, but the flowers are as large as those of the climbing sorts.

Special Colors—Crimson, Scarlet, Yellow, etc.

SALVIA (Scarlet Sage). This popular and showy bedding plant is almost indispensable. Seeds should be started either in the house from February to April, or in hotbeds.

Splendens. Tall-growing plants, with bright scarlet flowers. Height, 3 feet. $\frac{1}{4}$ oz. 50 cts.

Bonfire (ClaraBedman). Compact, bushy plants, 2 feet high, producing erect spikes of the most brilliant scarlet flowers. Pkt. 10 cts., $\frac{1}{4}$ oz. 75c.

SUNFLOWER (*Helianthus*), **Stella.** Single; golden yellow, black center. Oz. 30 cts.

Tall Double. Yellow flowers. Oz. 25 cts.

Russian Mammoth. Immense, single, yellow flowers. Height, 6 feet. Oz. 10 cts.

STRAWFLOWER, or Everlasting Flowers (*Helichrysum*). Fine for winter bouquets.

SWEET WILLIAM (*Dianthus barbatus*). This is one of the finest of our hardy garden plants; of easy culture. Mixed colors. Oz. 30 cts.

SCARLET RUNNER BEAN. A rapid climber, 10 to 15 feet high, flowering profusely. Oz. 10c.

VERBENA. An excellent annual for beds and massing, and for a gorgeous display during the summer months it cannot be excelled.

Mammoth, Mixed Colors. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

ZINNIAS (Youth and Old Age). The Zinnia is one of the most brilliant, showy and satisfactory of annuals, and has long been a general favorite.

Tall, Mixed Colors. Oz. 25 cts.

WILD FLOWER GARDEN

Choice Mixed Flower Seeds. A mixture of many varieties of beautiful, easy-growing flowers, producing a constant and varied bloom the whole season. Large pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts.

VEGETABLE PLANTS

Our connection with the market-gardeners enables us to supply plants of the best quality at reasonable prices. Let us know your wants.

**NO FLOWER IS EASIER
TO GROW THAN THE**

GLADIOLUS

The most attractive of all summer-flowering bulbs is the Gladiolus. Wonderful improvements have been made in recent years in the size and beauty of these flowers, and our mixture comprises only the best. Their cultivation is very simple, as they will thrive in any ordinary garden soil, but amply repay care and liberal feeding by enhanced size and beauty. A succession of bloom may be had from July to October, by planting at intervals from April to June. The strongest bulbs should be kept for the latest planting. Plant 6 inches apart in beds or double rows and 3 inches deep. They are very effective when planted among roses, peonies, shrubbery, etc. Ask for leaflet.

Chaapel's Gilt-Edge Mixture of Gladioli

This superb mixture is composed exclusively of high-grade varieties, including many new and rare kinds. It embraces the greatest possible range of color. This mixture is our pride and contains the best large-flowering sorts. 20 cts. per doz., \$1.50 per 100.

Four Choice Gladioli

America. A beautiful flesh-pink, tinged with lavender. A variety of robust growth and easy cultivation. The flowers are very large and expanded, many being open at one time. 5 cts. each, 40 cts. per doz., \$2 per 100.

Baron Joseph Hulot. New. Deep indigo-blue, slightly marked white at the base of the throat; very attractive when arranged with yellow flowers in a vase. 5 cts. each, 50 cts. per doz., \$3.50 per 100.

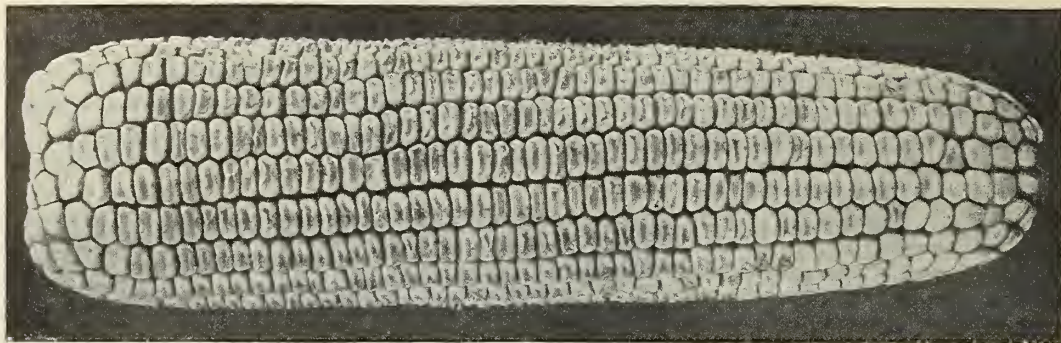
Brilliant. Beautiful orange-red with carmine-and-white throat. Superior to all other scarlets. 5 cts. each, 50 cts. per doz., \$2 per 100.

Mrs. Francis King. A striking shade of light scarlet or flame-color; one of the most effective both in the border and when cut. 5 cts. each, 50 cts. per doz.

If bulbs are wanted by parcel post add 10 cents extra for the first dozen and 1 cent extra for each additional dozen.



Chaapel's Gilt-Edge Gladioli



Improved Leaming Corn

NORTHERN-GROWN SEED CORN

Never Use Feeding Corn for Seeding Purposes

Plant eight to ten quarts to the acre in hills; sow two and a half to three bushels broadcast for fodder

Our strains of Corn are not the common kinds usually found in abundance on the market. We pay as much attention to carefully selected stocks in all lines of farm seeds as we do to the critical vegetable and flower-seed part of the business. This is particularly true of Field Corns, where re-selection means the limit of crop, with little or no increase in cost. It is amazing to realize that where the old, unselected seed is used, the average crop to the acre is only half, compared to the more intelligent selection of strains.

Is It Worth It? A bushel of Seed Corn will plant from 6 to 8 acres. To use our seed will cost, say, thirty to forty cents an acre more than if common crib or home-grown Corn is planted. It is therefore evident that if our seed produces one bushel more to the acre than the home seed the entire cost of the seed is paid for by this extra yield. It is, therefore, evident that if Seed Corn were worth \$10 a bushel it would be cheaper to plant such seed than to use common Corn as a gift.

PRICES ON FIELD CORN SUBJECT TO MARKET CHANGES

WHITE-CAP YELLOW DENT. White Cap Yellow Corns have always compared favorably with other types in comparative production. This particular strain it is our pleasure to offer has taken First and Second Prizes at prominent Corn shows. It is wonderfully prolific, a heavy yielder of beautiful, compact ears, of great average length, filled out well at the butts and tips. It is a vigorous grower that succeeds in moderately fertile soils. It is neither early nor late, but will mature in any part of Pennsylvania, except the extremely high latitudes. On ears, 70 lbs. to the bushel. Bus. \$2.50; 10 lbs., on ears, 50 cts.

LANCASTER COUNTY GOLDEN SURE-CROP. A Yellow Dent Corn of superior quality. A heavy yielder and does well under rough-and-ready farming. We have procured reliable seed stock from growers recommended to us by the Lancaster County Farm Bureau. On ears, 70 lbs. to the bushel. Bus. \$2.25; 10 lbs., on ears, 45 cts.

IMPROVED LEAMING. An early Yellow Dent variety; ripens in ninety to one hundred days. Bus. \$2.

PRIDE OF THE NORTH. A standard variety of Yellow Dent. Bus. \$2.

MIXED BLOODED WHITE-CAP YELLOW DENT (Sweepstakes). This corn originated in Lycoming County, in the Jersey Shore Corn-growing section. Formerly a White-Cap Yellow Dent, it has become mixed with other varieties until now a type of its own has become established.

It is a large Corn, growing to enormous heights, 12 to 14 feet. The kernels are produced on a long, thick cob. It shows considerable coarseness at the butt and in thickness of cob, nevertheless, it is one of our best yielders and produces an excellent grade of ensilage for the northern sections of Pennsylvania. It matures in the Susquehanna River bottoms of Lycoming County; its merits are recognized by farm bureau agents. We recommend it as follows:

May be grown for grain in the Susquehanna River-bottom lands south of Jersey Shore. In the higher altitudes of Lycoming County, and all counties north of here for ensilage. Bus. \$2.

GOLDEN GLOW WISCONSIN NO. 12. An early variety of high bred Yellow Dent Corn, maturing in ninety to one hundred days. Bus. \$3.

HALL'S GOLDEN NUGGET. A beautiful, golden, eight-rowed Flint Corn, having extra-long ears well filled with broad, golden colored grains. It is by far the premier of the Flint Corns, beautiful to look at and a very good yielder. Flint-Corn growers can make no mistake in growing this variety. It is a winner wherever tried. Wherever shown in competition with other Flint Corns, this Corn always carries off the blue ribbon. Pk. \$1, bus. \$3.

LONGFELLOW FLINT. This for a long time has been the popular eight-rowed Yellow Flint Corn. It is a very productive variety—ears 12 to 14 inches long. Bus. \$2.

ENSILAGE SEED CORN

All authorities agree that the silo is the best method of furnishing a succulent, palatable, cheap feed for all kinds of live-stock on the farm. Where much dairying is done, it is indispensable.

We look with pleasure upon the number of silos erected in Lycoming County and vicinity in the past years, and join in recommending all farmers to erect a silo as soon as possible.

An alfalfa field, a manure-spreader and a silo go hand in hand with good farming practices. Having the agriculturist's welfare in mind, we have made a study of the various varieties of Silo Corns best suited for this work, which we offer.

We have tried to describe the various kinds as nearly as possible without using extravagant phrases. In looking over the varieties we offer, we feel sure we have the Corn to meet your individual wants.

Blue Ridge Ensilage.

A new variety of Ensilage Corn of great merit, introduced by us into this section

last year, yielding a large tonnage and fairly well eared. Blue Ridge Ensilage is at least three weeks earlier than its famous prototype Eureka Ensilage, with all its good qualities and none of its faults. It is a product of the Blue Ridge Mountains of West Virginia, bred for earliness so as to give a glazed ear in this locality at harvest-time. It grows 12 to 16 feet high, on a thick, heavy stalk. Well filled with leaves which retain their color well to the ground until harvested. The ears average 10 to 12 inches long, the grain is broad, thick and white, containing an unusual amount of sugar, making this variety the ideal Ensilage Corn, insuring an appetizing and good-keeping silage. (See illustration on this page and also on last page of cover.) Pk. 75 cts., bus. \$2.75.

In a five-year test with five other varieties of Ensilage Seed Corn, at the Ohio Experiment Station, the Blue Ridge was ahead of them all and is now being used exclusively by them for ensilage purposes.

EUREKA ENSILAGE. The largest Corn we know of; grows from 14 to 18 feet high on stalks 2 to 2½ inches in diameter and having a vast amount of foliage. It makes a very sweet, palatable and excellent-keeping ensilage. If it is a question of tonnage on your farm, by all means grow the Eureka Ensilage Corn. It gives results and assures you a succulent, palatable, cheap feed the year around. The seed offered by us is the genuine Eureka, grown in the Shenandoah Valley of Virginia. We have watched this marvelous Corn for years, and year by year we become more enthusiastic about it. If you are not acquainted with this variety of Corn, ask your neighbors about its merits. Campbell Bros., of Linden, Pa., this fall filled a silo 10 x 26½ feet on less than 2½ acres, giving them over forty-two tons of ensilage. Pk. 75 cts., bus. \$2.50.

EARLY EUREKA. Similar to Eureka in name only. It is a large, rank-growing, early White Dent Corn. Grows from 10 to 12 feet high, carrying a large amount of leaves on a thick stalk. When the increase of protein in ensilage is the question on your farm, Early Eureka will meet your wants. In the season of 1915, when other Corns failed to mature, Early Eureka matured finely in Lycoming County. In maturity it ranks with the hundred-day Corns. In the high altitudes of Lycoming, Bradford and Tioga Counties, Eureka will solve the silo problem. In the valley it may be grown to furnish seed for your neighbors up on the hill. The ears are medium size to large, well filled with a deep, white kernel. As a yielder it surpasses many of the Yellow Dents. Pk. 75 cts., bus. \$2.50.

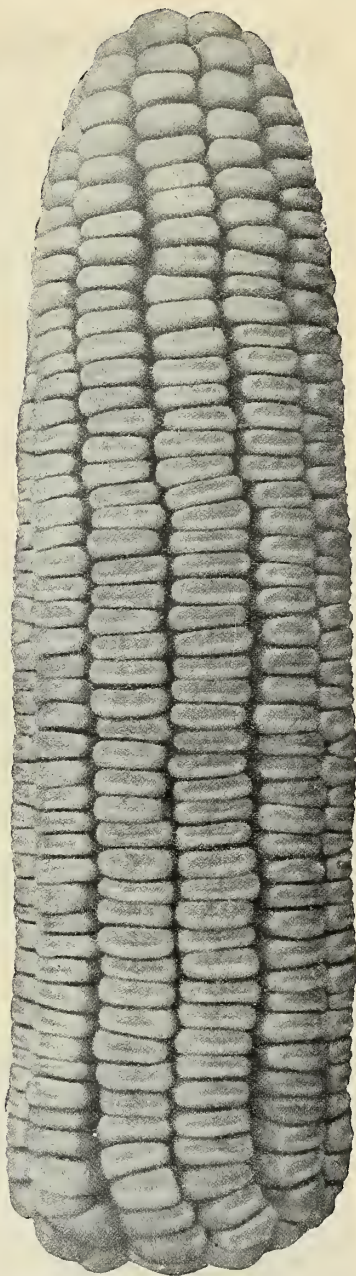
RED-COB ENSILAGE. A long, narrow, white grain; a late maturer and used for silo, green feed or ensilage purposes. A tall, rank grower and prolific in leaves. Bus. \$2.

MIXED-BLOODED WHITE-CAP YELLOW DENT (Sweepstakes). For description, see preceding page. Bus. \$2.

EVERGREEN FODDER. Purely a Sweet Corn, and the best of all for fodder. Grows to an immense size, with an abundance of leaves, both stalks and leaves being very sweet and rich in saccharine matter. It is not only valuable as a green fodder when pastures are bare, but can be preserved for winter feeding as well. Pk. 60 cts., bus. \$2.

The Blue Ridge Ensilage Corn seed I purchased from you last spring matured about two weeks earlier than the Red-Cob Ensilage. I have grown Ensilage Corn for nineteen years and consider the Blue Ridge the best for this section, some of the stalks weighing five to six pounds, yielding about sixteen tons per acre.—H. F. Harer, Linden, Pa.

DWARF ESSEX RAPE is not only valuable for pastures, but is most excellent for green manuring. There is no plant which will give so heavy a yield of forage at so small a cost as this.



Blue Ridge Ensilage Seed Corn

NORTHERN-GROWN SEED POTATOES

Never Use Eating Potatoes for Seed

As usual, we have a choice supply of standard varieties. These Potatoes are free from Potato scab or other diseases. Our early varieties cannot be surpassed in earliness; they are white and mealy, and hold their firmness longer than home-grown stock.

MARKET PRICES WILL PREVAIL

Burpee's Extra-Early. One week earlier than the Early Rose and nearly twice as productive. The flesh is pure white, possessing the very best table qualities.

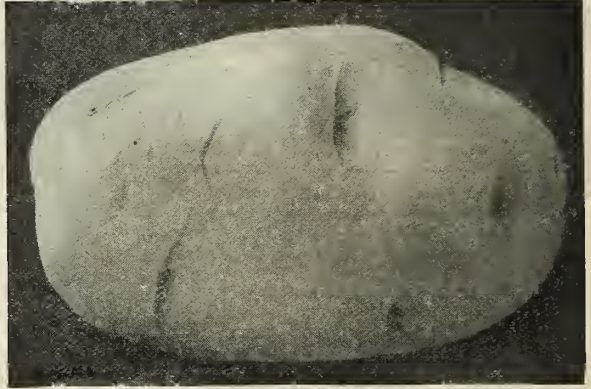
Early Ohio. A few days earlier than the Early Rose, and similar in color and habit of growth; quality dry and mealy.

PURE EARLY ROSE. The good old favorite; pure and true. Every farmer and gardener knows the good Early Rose Potato, and nothing need be said in its favor. Our seed is grown in New York State, and we can offer it as the purest and best that can be had.

Irish Cobbler. A variety which becomes popular wherever tried on account of its earliness, handsome appearance and excellent quality. Tubers are round and smooth; skin creamy white and often netted; flesh white.

Quick-Crop. Oblong in shape; pink-and-white skin, and one of the best yielders of the early sorts. Cooks very mealy.

Stray Beauty. Extremely prolific and a full week in advance of Early Rose. Color a beautiful light red; size medium; growth, very uniform. Shape, nearly round. The flesh is white; very mealy when cooked.



Early Ohio Potato



Pure Early Rose Potatoes

Western New York Seed Potatoes vs. Maine-Grown

Note the firm, crisp flesh of our seed compared with Maine-grown, which are inclined to be soft and spongy, and of poor keeping quality. Solid-flesh potatoes will be sure to



New Alberta Oats

grow and make even stand throughout your field, while soft stock seed is inclined to rot and disappoint you. Our seed is also more pure than Maine-grown, and is free from powdery scab, and does not have to be inspected by a federal inspector.

PURE-BRED SEED OATS

60-Day Oats. Frequently catalogued as Lincoln. Introduced from Russia by the United States Department of Agriculture. 60-Day Oats is certainly a very valuable variety and gives satisfaction over a large range of territory. It is a week earlier than other sorts; a good yielder and on account of its earliness, can be marketed seven to ten days earlier than ordinary varieties, bringing a few cents per bushel more on that account. Bus. \$1.

Side Oats. Heads on one side of the stalk; different from other varieties in that respect. Good yielder and preferred by some growers. Bus. \$1.

Alberta Oats. (Imported.) Canadian Oats of great merit. Heavy, plump kernels; excellent yielder; stiff straw and spreading head. Bus. \$1.50.



Canada Field Peas and Oats growing on the farm of Mr. Guinter in Lycoming County

CANADA FIELD PEAS AND OATS FOR FODDER

The Canada Field Pea should rightfully assume greater importance than it has at present. Many of our best farmers know and understand this, but very many do not. It is used both as a green feed and as a fertilizer, and in both places it deserves to occupy a very prominent position. As green feed sown with oats or barley early in the spring, it fills a place which no other plant which we have can occupy. The amount of feed produced on an acre is very large. It comes before any other good nutritious feed suitable for hay or soiling. It is greedily eaten by practically all kinds of stock, and is as nourishing as can be desired. As a fertilizer, either when plowed under or pastured off, it will rank very high. Some of our very best farmers sow each year a field which they wish to enrich to Canada Peas and Oats, hogging off the crop or depasturing with cattle or sheep, and they say that they can tell the line right to the foot where these Peas grew, when they plow the field up and put in another crop. We would earnestly urge our customers to use these Peas more liberally than many of them have been doing in the past, knowing that they will be very well pleased with the result.

These make a fodder and hay which double the production of milk. They should be sown in March or April, the earlier the better, two bushels of Peas and two bushels of Oats to the acre. The Peas should be sown first, and plowed under about 4 inches deep, or drilled in where possible, same depth; the Oats are then drilled in, or sown broadcast and harrowed in. Ready for cutting about the latter end of June, when the Oats are in milk and the pods formed on the Peas. Nutritious and relished by all stock. Bus. \$2.75. Prices subject to change.

COWPEAS

THE GREAT SOIL-IMPROVER

Can be grown in all parts of the country where dent corn succeeds. It is one of the best for temporary pastures. As a grazing crop it is valuable for producing milk, growing young stock and fattening all kinds of domestic fowls and animals. Effective fertilizing plant, and can be used as a green-manure crop at any time during the summer and in almost every crop rotation. Can be grown on a greater variety of soils than any other legume.

New Era. A very popular variety; erect and not inclined to run; matures in sixty to seventy-five days. Bus. (60 lbs.) \$3.50. Price subject to change.

Whippoorwill. Usually an erect grower and rarely climbs; matures early. One of the best for late planting. Bus. (60 lbs.) \$3.50. Price subject to change.

SOY BEANS

Ito San. An early variety suited to this section. On account of its extreme earliness, it is best adapted for the production of grain. Matures in 115 days. Sow forty pounds to the acre. Bus. (60 lbs.) \$3. Price subject to change.

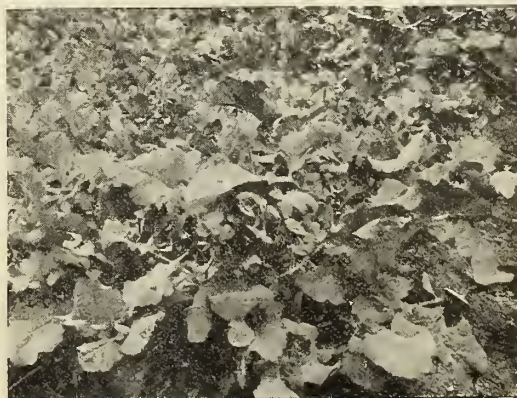
Wilson. This variety in some ways excels all others as a forage crop. The stalks and branches are slender and we think probably it would make the most hay and a little the best quality of any variety. Other varieties we offer may be better for grain purposes, but not for forage. It matures in 125 days. Sow forty pounds to the acre. Bus. (60 lbs.) \$3. Price subject to change.

For Silo. We saw comparative tests of the Wilson conducted under the direction of the Bradford County Farm Bureau, planted in the corn for silo purposes (fifteen to eighteen pounds to the acre). It turned out as well if not better than other varieties.

DWARF ESSEX RAPE

THE BEST FORAGE CROP FOR HOGS AND POULTRY

A forage plant of great merit, easily grown on any land that will raise turnips or corn, and will furnish abundant supplies of succulent, rich, nutritious pasture at a season when it is most needed. It is often sown broadcast, about five pounds to the acre, but will yield much better if drilled about two pounds to the acre, in rows 22 inches apart, and cultivated until plants are too large. Seed may be sown in May, but we do not advise sowing until June or July. Lb. 15 cts., 10 lbs. or more at 12 cts. per lb.



Dwarf Essex Rape



Note how luxuriantly Sudan Grass grows in Pennsylvania

SUDAN GRASS

A new forage crop introduced into this country by the United States Department of Agriculture which promises to become as standard as timothy. The hay produced by this crop is enjoyed by cattle and horses; it is palatable, nourishing and easily cured. It makes a luxuriant growth, growing from 5 to 7 feet high with an immense amount of leaves, making a good quality of hay. The above photograph shows Sudan Grass growing in Lycoming County on Mr. G. Edgar Engel's farm near Newberry, Pa. He was well pleased with this new Grass. We recommend that our friends try Sudan Grass this year. Sow three to four pounds per acre. Lb. 15 cts.

SWEET CLOVER

This is a legume of immense value for soil-improvement. Sweet Clover can be grown on soil that is too poor to grow most other legumes and such soils may be greatly improved. On land containing some lime, Sweet Clover will give most satisfying results. Nitrogen is gathered in paying quantities. May be sown in spring or fall.

The best stands we saw last season were sown in the corn the last cultivation.

We offer a 12-page pamphlet telling all about Sweet Clover, by E. E. Barton, free on request

Scarified Seed. This is a new treatment of hard seeds invented by the Iowa Agricultural College. The seeds are rubbed by machinery and the hard coat removed, making the seed respond more readily to the action of soil moisture, insuring a much better germination.

White Blossom. The largest of the Sweet Clover family; a great soil-improver; makes fine pasture and a good grade of hay. Scarified seed. Lb. 25c.

Yellow Blossom. Similar to White Blossom but not such a rank grower; preferred by many for hay and pasture. Scarified seed. Lb. 25 cts.

WINTER VETCH

The imported seed being very scarce this season, due to the European war, we offer only domestic-grown, mixed with rye, a percentage of rye and Vetch about right for seeding. Bus. (60 lbs.) \$4.

CLOVER

Medium Red. This is regarded as the most valuable of the Clover family. It may be sown either in the spring or fall, and, if no other grasses are used, at the rate of from eight to twelve pounds to the acre, according to quality of seed used and condition of the soil. It pays always to buy the best quality of Clover seed which can be obtained. Even though the first cost is twice as much as of cheaper seed, it will be found in the long run that inferior seed is the most expensive.

Prices on request

Guaranteed Mammoth Red. This is grown largely for pastures and to restore fertility to depleted soils. Being a rank grower, it is very valuable for fertilizing purposes. Sow eight pounds to the acre. Prices on request.

ALFALFA. Alfalfa produces from three to seven tons hay to the acre. It has as much protein as wheat-bran. 360 stalks have been grown from one seed. It does not exhaust the soil; it enriches the soil. It will grow three to five crops a year. Alfalfa in money value is worth 45 per cent more than other Clovers and 60 per cent more than timothy. Ten milk cows can be fed on less than two acres by soiling. Alfalfa is a good poultry-feed when cut fine, and this is also a good way to feed it to hogs in winter. Fed to dairy cows, Alfalfa maintains the flow of milk equal to June grass for nearly a whole year. Prices on request.

Alsike, or Swedish. This is one of the hardiest varieties known. It is perennial and does not winter-kill. It will do better on moist land than any other variety of Clover, and is suitable for either hay or pasture. When sown with other grasses, it forms a thick undergrowth and greatly increases the yield. Prices on request.

Crimson, or Scarlet. An annual of strong, erect growth, 1 to 2 feet high. It roots deeply and places in the soil an abundant supply of nitrogen. When plowed under, it adds to the soil a large amount of humus or available plant-food. Sow ten to fifteen pounds of seed to the acre in the spring. Prices on request.

TIMOTHY

As a crop for hay, Timothy is probably unsurpassed by any other grass. It is greatly relished by all kinds of stock, especially horses. It should not take an intelligent farmer long to figure the wisdom of investing his time and money in reliable seed. Present price, lb. 15 cts. Bushel price on request.

MILLET

Tennessee, German or Golden. Produces a very fine quality of hay and makes a large seed-head. In good seasons it grows about 4 feet high. Sow one bushel (48 lbs.) broadcast to the acre, from April 10 to July 10. Prices on request.

NOTE.—Always allow 22 cents for each two-bushel seamless bag when ordering farm seeds.



CONKEY'S POULTRY REMEDIES AND INSECTICIDES

Poultry cannot be profitable unless they are in a healthy condition. We offer a specific remedy for each disease. The importance of prevention by the use

of a germicide, like Nox-i-cide, should not be underestimated. This line is complete and very reliable. **Conkey's Poultry Book Sent Free.**

Conkey's Roup Remedy. For fowls that sneeze, gape and wheeze, also have a watery discharge from the nostrils and eyes. Follow directions on each box and the cure will be effected. 25 cts., 50 cts., and \$1.

Conkey's Cholera Remedy. Place in drinking-water. Directions on every box. Two sizes, 25 cts. and 50 cts., postpaid.

Conkey's Lice Powder. Will successfully kill body lice on fowls. 5-oz. package 10 cts., 15-oz. pkg. 25 cts.

Conkey's Lice Liquid. Will kill mites and acts as a disinfectant. Applied to walls, roosts and crevices with a brush or sprayer. Qt. 35 cts., ½-gal. 60 cts., gal. \$1.

Conkey's Poultry Tonic. For fowls run down, off feed, recovering from disease or during molting season. 25 cts. (postpaid, 30 cts.).

Conkey's Poultry Laxative. Very effective and convenient to use. 25 cts., postpaid.

Conkey's Laying Tonic. Not a food, but a medicinal preparation to increase egg-production. Keeps hens in the best laying condition. 1½ lb. package, 25 cts., 3¼-lb. pkg. 50 cts., 7-lb. pkg. \$1, 25-lb. pail \$3.

Conkey's Nox-i-cide. A wonderful disinfectant and germicide. Fine for many purposes—cleaning incubators and brooders, washing founts and troughs and spraying wherever germs are present. Pt. 35 cts., qt. 60 cts., ½-gal. 90 cts., gal. \$1.50.

Conkey's Bronchitis Remedy. 50 cts. postpaid.

Conkey's Chicken Pox Remedy. 50 cts.

Conkey's Limber Neck Remedy. 50 cts.

Conkey's Rheumatic Remedy. 50 cts.

Conkey's Black Head Remedy. 50 cts. postpaid.

Conkey's Poultry Worm Remedy. 50c. postpaid.

Conkey's White Diarrhea Remedy. 50 cts.

Conkey's Fly Knocker. Qt. 35 cts., gallon \$1.

Conkey's Scaly Leg Remedy. 50 cts.

Conkey's Gape Remedy. 50 cts. (postpaid 60c.).

Conkey's Healing Salve. 25 cts., postpaid.

Conkey's Head-Lice Ointment. 1 oz. 10 cts.

Conkey's Starting Food. For chicks. A balanced food for the first three weeks. Lb. 10 cts., 3 lbs. 25 cts., 6½ lbs. 50 cts.

Conkey's Salt-em. A medicated stock salt, for worms in all kinds of stock. A great conditioner. 10 lbs. 75 cts., 20 lbs. \$1.25. **Salt-em Book Free.**

Conkey's Stock Remedies. They are good; give them a trial. Pkgs. 25 cts., 50 cts., and \$1.

Sal-Vet. A great stock conditioner. Rids stock of worms. An all-round conditioner. 10 lbs. 75 cts., 20 lbs. \$1.25.

RAISE CALVES WITHOUT MILK

Save the cow's milk for market. Make four times the profit on your calves by raising them on **BLATCHFORD'S CALF MEAL**, the recognized milk food

It is in reality a substitute for milk, and should not be considered as an ordinary "feed" or "meal."

It contains all the elements of milk, and when properly prepared becomes a "baby food" for calves and colts.

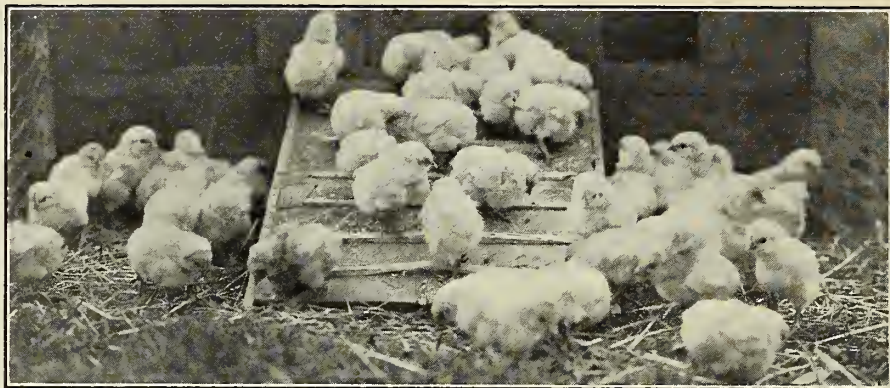
It is just the thing for weaning calves as soon as they can be taken away from the cow. Then all the milk may be sold and you get the benefit of the high creamery prices.

Will push calves and colts forward better and quicker than any other food. 100 pounds make 100 gallons of complete milk-equal. 25 lbs. \$1, 50 lbs. \$2, 100 lbs. \$3.50.

Pig Meal. For little pigs. 25 lbs. \$1, 50 lbs. \$2, 100 lbs. \$3.50.

If you are interested in growing your own vegetables, and feel you need information on the subject, why not consult us? We are in a position to offer suggestions and advice. Write or ask for our leaflet on "How to Plant Your Garden."

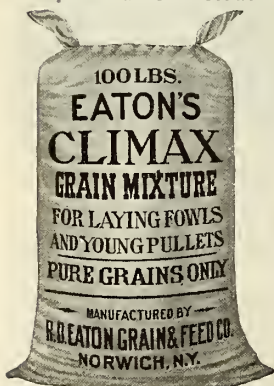




This lively bunch of little chicks is thriving on Conkey's Starting Food

POULTRY-SUPPLY DEPARTMENT

It is impossible to list our complete line of supplies—write for anything you need—you will get the best. The market fluctuations on grain are so erratic that it is impossible to quote prices for any length of time. These prices are subject to change without notice.



POULTRY FOODS

Eaton's Climax Mixture. Highest quality; always right; pure grains; none better. Lb. $2\frac{1}{2}$ cts., 100 lbs. \$2.40.

Ideal Mixed Grains. A good hen-food. Lb. $2\frac{1}{2}$ cts., 100 lbs. \$2.25.

Eaton's Baby Chick Life-Saver. Mixed grains for peeps. Lb. 4 cts., 100 lbs. \$3.

Eaton's Growing Ration. Mixed grains. Lb. 3 cts., 100 lbs. \$2.75.

Eaton's High-Grade Pigeon-Food. Highest quality. Lb. 3 cts., 100 lbs. \$2.50.

Eaton's Perfection Dry Mash. For laying fowls; nothing better. Lb. 3 cts., 100 lbs. \$2.50.

Blatchford's Egg Mash. Lb. 4 cts., 100 lbs. \$2.75.

Blatchford's Milk Mash. Best for baby chicks. Pkg. (4 lbs.) 25 cts., bulk, 5 cts. per lb.

Conkey's Starting Food. Start them right and avoid bowel trouble. Lb. 10 cts., 3 lbs. 25 cts., $6\frac{1}{2}$ lbs. 50 cts.

Chick-Manna. Lb. 10 cts., 5 lbs. 40 cts.

Alfalfa Meal. For making mashes. Lb. $2\frac{1}{2}$ cts., 100 lbs. \$1.80.

Milk Albumen (Granulated Milk). A fine egg-producer. Lb. 4 cts., 100 lbs. \$3.50.



Darling Meat Crisps. 75 per cent protein. A great egg-producer. 3-lb. pkg. 25 cts., $6\frac{1}{2}$ -lb. pkg. 50 cts.

Meat Scraps. Lb. 4 cts., 10 lbs. 35 cts., 100 lbs. \$3.25.

Bone, Fine Ground. For feeding chicks. Lb. 5c.

Bone, Coarse Ground. Fine quality. Lb. $3\frac{1}{2}$ cts.

Oyster Shells, Ground. 5 lbs. 5 cts., 100 lbs. 75c.

Charcoal. Two grades—fine and coarse. 2 lbs. 10c.

Grit. Fine, medium and coarse. 5 lbs. 5 cts., 100 lbs. 75 cts.

Chaaapel's Regulator Grit. Made in two sizes, for chicks and matured poultry. All the necessary ingredients to make better and more eggs. Lb. 3 cts., 100 lbs. \$2.75.



POULTRY REQUISITES

We carry a full line of galvanized ware, glassware and stoneware; drinking-fountains, galvanized grit and shell boxes; incubator lamps; Peerless, Sexton and Otis & Moe Dry-Mash Hoppers; Six-in-One Automatic Feeders. A full and complete line of Poultry Supplies. Prices on application.

Tycos Incubator and Brooder Thermometers.

Incubator Thermometers, 50 cts., 60 cts., and 75c. Brooder Thermometers, Certified, \$1. Brooder Thermometers, 60 cts. and 75 cts.

Petty's Poultry Punch. For marking chicks. 25c.

Leader Adjustable Aluminum Leg Bands. Doz. 15 cts., 25 for 25 cts., 50 for 45 cts., 100 for 65 cts.

Challenge Adjustable Aluminum Leg Bands. Doz. 15c., 25 for 25c., 50 for 45c., 100 for 65 cts.

Otis & Moe Self-Locking Leg Bands. Doz. 15 cts., 100 for 65 cts.

Celluloid Spiral Leg Bands. Come in all colors and sizes. Doz. 15 cts., 100 for \$1.

Humpty-Dumpty Egg Crates. 6-doz. size, 35c. ea.

Farmers' Star Egg Crates. 12-doz. size, \$1.50 ea.

Parcel-Post Egg Mailing Boxes. 12-egg size, 7 cts.; 15-egg size, 12 cts.

Shipping Boxes for Chicks. 25-chick size, 15 cts.

CHAAPEL'S EGG-RECORD CARD FREE

NEW BUFFALO BROODER STOVE

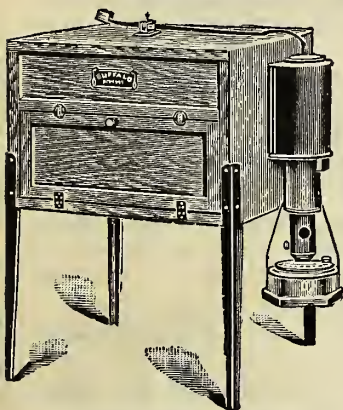
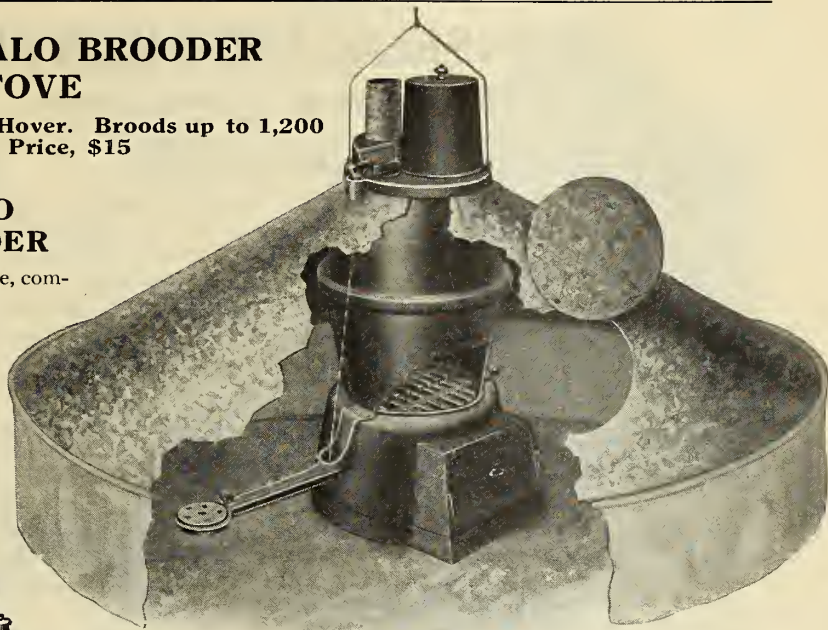
Complete with 52-inch Hover. Broods up to 1,200 chicks. Price, \$15

THE BUFFALO COLONY BROODER

Size over all, 3x6 feet. Price, complete, \$14.

THE BUFFALO HANDY HOVER

It is complete in itself, and you can use it in any convenient room, spare pen or coop. Price, complete, \$8.

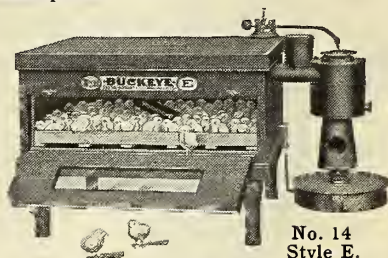


THE BUFFALO INCUBATORS

No. 0. Capacity 50 to 60 eggs.....	\$13 00
No. 1. Capacity 110 to 120 eggs.....	17 50
No. 2. Capacity 220 to 240 eggs.....	23 00
No. 3. Capacity 340 to 360 eggs.....	29 00
No. 4. Capacity 390 to 400 eggs.....	34 00

Ask for descriptive circular

The Buffalo Incubators are hot-air machines, fully guaranteed, and we can recommend them to our customers without reservation.



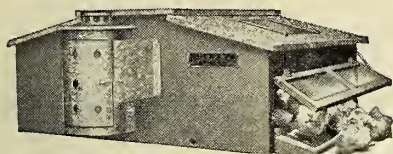
BUCKEYE INCUBATORS

With an Absolute Guarantee to Hatch Every Hatchable Egg
Anybody can hatch chickens with a "Buckeye." Approved by the
National Board of Fire Underwriters

Buckeye Catalogue on request

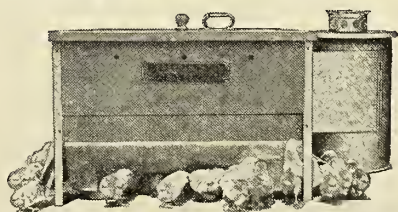
No. 14, Style E. Capacity 60 eggs.....	\$7 50	No. 1, Standard. Capacity 110 eggs.....	\$17 50
No. 15, Style H. Capacity 60 eggs.....	9 50	No. 2, Standard. Capacity 175 eggs.....	22 50
No. 16, Style E. Capacity 110 eggs.....	12 50	No. 3, Standard. Capacity 250 eggs.....	28 50
No. 17, Style E. Capacity 200 eggs.....	17 50	No. 4, Standard. Capacity 350 eggs.....	33 50
No. 60 Standard. Capacity 60 eggs.....	13 50	No. 5, Standard. Capacity 600 eggs.....	50 00

BUCKEYE BROODERS AND HOVERS



Outdoor Brooder, Klose-Kontakt Type, in operation

Price, complete, \$16.



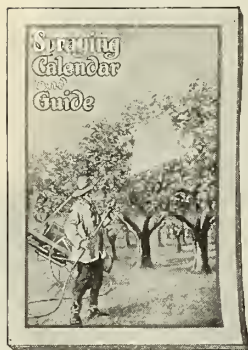
Portable Hover, Klose-Kontakt Type, in operation

Prices, \$9.50 and \$12.

We do not handle commission seeds. All seeds are put up by us in beautiful lithograph packets, with cultural directions on the back. Chaapel's Seeds are sold in bulk, and liberal-sized packets are put up by us for 5c.

INSECT DESTROYERS

PRICES SUBJECT TO MARKET CHANGES



Arsenate of Lead. (The S.-W. Co. Brand.) For spraying trees and shrubs against the attacks of leaf-biting insects of all kinds; especially valuable for spraying to prevent the codling moth. It comes in paste form, and dilutes one pound to twenty-five gallons of water. Lb. 25 cts., 5 lbs. 95 cts.

Arsenate of Lead, Powdered. (The S.-W. Co. Brand.) This form of Arsenate is extensively used. It is instantly soluble in water and a pound thereof goes almost twice as far as two pounds of paste Arsenate. One pound dilutes to fifty gallons of water. Lb. 35 cts., 5 lbs. \$1.50.

"Black-Leaf 40." A concentrated solution of nicotine sulphate; an excellent spray for black aphids, and sucking insects of all kinds. Dilutes one part to 900 or 1,000 parts of water, according to treatment. Full directions on each package. $\frac{1}{2}$ lb. 85c.

Bordeaux Mixture, Paste. Used principally for mildew, blight and fungous diseases that affect potatoes, fruit trees, etc. Lb. 20 cts., 5 lbs. 65 cts.

Bordeaux Mixture, Dry Form. Used for mildew, blight and fungous diseases that affect potatoes and fruit trees. Lb. 25 cts., 5 lbs. \$1.15.

Bug Death. Largely used instead of paris green. It is claimed to have the same effect. Not poisonous to persons. Lb. 15 cts., 3 lbs. 35 cts., 5 lbs. 50 cts.

Special Shaker for Bug Death, 25 cts.

Conkey's Fly Knocker. For keeping flies from cattle and horses. Increases the milk flow in fly-time. Spray in the morning before taking stock from barn. Qt. 35 cts., gal. \$1.

Copper Solution. Excellent spray for carnation rust and diseases of the grape, pear, apple and other fruits. A good thing to use for leaf blight and mildew. It is diluted in water. Gal. \$1.50.

Formalin. (Formaldehyde, 40 per cent.) A valuable disinfectant for destroying germs that cause diseases in plants. It is very effective when used to destroy smut germs in oats and scab on potatoes. To treat oats, use one pint of formalin to fifty gallons of water and soak ten minutes. For potatoes use one pint to thirty gallons and soak two hours. Pt. 35 cts., qt. 60 cts.

Grape Dust. Lb. 10 cts., 3 lbs. 25 cts.

Hellebore. For destroying currant worms, etc. $\frac{1}{4}$ lb. 10 cts.

Lime-Sulphur. For destroying San José scale. This is a concentrated form. Gal. 25 cts. Special price by the barrel.

Soluble Sulphur Compound. Powdered Lime-Sulphur is becoming very popular on account of the small expense for shipping. It is instantly soluble in either cold or hot water. Lb. 25 cts. 5 lbs. 75 cts., 10 lbs. \$1, 100 lbs. \$8.

Hydrometers, for testing Lime-Sulphur. These are highly recommended by the Pennsylvania State Department of Agriculture for testing the gravity of Lime-Sulphur Solution; one should be in the hands of every man who uses this material. **Prof. Surface's Specifications,** 85 cts. (ppd. \$1). **Prof. Stewart's Specifications,** \$1.25 (ppd. \$1.40).

Paris Green. It may be used in liquid form, one pound in fifty gallons of water, or with land plaster at the rate of one pound paris green to 100 pounds of land plaster. $\frac{1}{4}$ lb. 10 cts., $\frac{1}{2}$ lb. 15 cts., lb. 30 cts.

Rose Nicotine. For spraying rose bushes, sweet peas and other flowers and vegetables for the aphids and other soft-bodied plant lice. Small bottle 10 cts., cans 25 cts. and 50 cts.

Rat Corn. Sure death to rats and mice; not poisonous to other animals. 25 cts.

Slug-Shot. The standard remedy for currant worms, rose slugs, cabbage worms and almost any soft-shelled insects that infest the vegetable- or flower-garden. Canister 15 cts., 5 lbs. 30 cts., 10 lbs. 50 cts.

Sulpho-Tobacco Soap. 4-oz. pkg. 10 cts.

Sulphur, Powdered. Lb. 3 cts., 100 lbs. \$2.50.

Tobacco Dust. For dusting only; excellent for lettuce and other plants, to destroy soft, creeping insects. Lb. 10 cts., 5 lbs. 25 cts., 10 lbs. 45 cts., 100 lbs. \$3.50.

Tree Tanglefoot. A paste preparation for painting around the trunks of trees, in the form of a band. Insects and other crawling pests cannot get over it. Lb. 30 cts., 3-lb. can 85 cts., 10-lb. can \$2.65.

Tuber Tonic. (The S.-W. Co. Brand.) In powder form, a combination of bordeaux mixture, arsenate of lead and paris green, dissolves readily in water. A combination spray for insects, blights and diseases of the potato and all vegetables. Lb. 35 cts. Prices on larger quantities on request.

Whale- or Fish-Oil Soap. An excellent summer spray, when something stronger cannot be used. $\frac{1}{2}$ lb. 10 cts., lb. 15 cts.

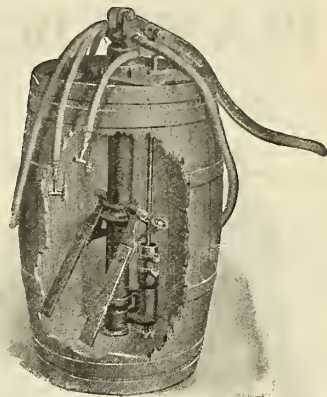
Spray Pumps, Nozzles and Fixtures

Send for Special Pump Catalogue. We can save you money. We have a complete line of supplies, and can fill your wants promptly.

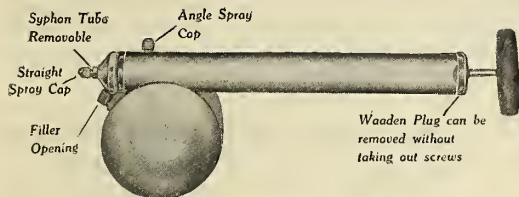
GOULD POMONA BARREL SPRAY PUMP. Large size. Bronze parts, agitators and 15 feet of hose, complete, \$16.

GOULD'S FRUITAL BARREL PUMP. All bronze parts; complete, with 15 feet of hose, \$9.50.

Gould's Fruitful Barrel Pump



Gould's Pomona Barrel Spray Pump



Automatic Compressed-Air Sprayer

AUTOMATIC COMPRESSED-AIR SPRAYER.

This is the grandest hand Sprayer ever offered. Very easily operated; especially desirable for ladies' use. 80 cts., 90 cts. and \$1.25.

CYCLONE HAND SPRAYERS. Tin, large, 50c. Tin, small, 30 cts.

REDHEAD GLASS RESERVOIR. 75 cts.

KANT-KLOG JR. BUCKET PUMP. For bucket use, the pump works on a spring device, making compression which discharges the liquid.

The most practical Bucket Pump for one person to use. All brass and of excellent value. Just the thing for the man with a small fruit-garden, a few greenhouses, or a hen-house that needs spraying. Complete with hose and nozzle. Throws three different sprays. \$3.50.

The Auto Spray

Now used by all leading florists and fruit-growers. It operates with compressed air; safe and efficient; liquid capacity, four gallons; pressure capacity, forty pounds.

No. 1-A, Brass. Equipped with hose and regular nozzle, \$6.50.

No. 1-B, Brass. Equipped with hose and Auto-Pop attachment, \$7.

No. 1-C, Galvanized Iron. Equipped with hose and regular nozzle, \$5.

No. 1-D, Galvanized Iron. Equipped with hose and Auto-Pop, \$5.50.

MISTRY JR. SPRAY NOZZLES. Angle, 60 cts.; straight, 50 cts.

BAMBOO EXTENSION RODS. With connections. 4-ft. \$2, 6 or 9 ft. \$3 ea.

BRASS EXTENSION RODS. 3 feet long. 50 cts.

A Complete Line of other Nozzles and Connections.

Rubber Plant Sprinklers

Straight Neck, No. 4. 65 cts.; postpaid, 75 cts.



Cyclone Broadcast Seeder

Simple in construction and easy of operation; has automatic regulator and cut-off, and performs its work perfectly. It is practical. Price, \$1.75.

Acme Corn Planter

Works in any soil; has a flexible and adjustable iron drop, and does not wear the brush. It has an iron seed box and iron channel. The foot is made of polished steel. It is well made, strong, durable, reliable and gives universal satisfaction. Price, \$1.

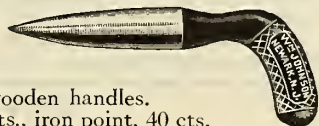
Cane Stakes

For staking plants of all kinds, especially good for staking gladioli, etc. 8 feet long; can be cut to any length. 25 cts. per doz., \$1.50 per 100.

Dibbles

For Transplanting

Equipped with wooden handles. Brass point, 60 cts., iron point, 40 cts.



PLANET JR. FARM AND GARDEN TOOLS

Planet Jr. Tools are the most carefully designed and constructed; built of the finest materials, and are the most economical because they outlast others and do better work. Planet Jr. Catalogue, 72 pages. Nearly 200 illustrations. Free. Send postal.



No. 4 Planet Jr. Hill and Drill Seeder and Single Wheel Hoe

Price, Complete, \$10.50.
As a Seeder Only, \$8.50.

Holds $2\frac{1}{2}$
Quarts of
Seed

Soon pays for itself in the family garden as well as in the larger acreage. Sows all garden seeds (in drills or in hills), plows, opens furrows and covers them, hoes and cultivates quickly and easily all through the season.



Planet Jr. No. 25 Combined Hill and Drill Seeder and Wheel Hoe

Price, \$13.50.

Holds $2\frac{1}{2}$
Quarts of
Seed

A splendid combination for the family garden, onion-grower, or large gardener. Is a perfect Seeder, and combined Double-and-Single-Wheel Hoe. Unbreakable steel frame. Capacity, 2 acres a day.



No. 31 Planet Jr. Seeder and Wheel Hoe

Price, Complete, \$6.75.

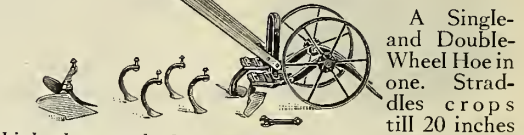
Every man or woman running a vegetable-garden can save the cost of this tool in a single season. Sows all garden seeds. Plows, hoes, and cultivates. A practical time, labor, and money saver. Sold at a very low price. We also sell it as a Seeder only (No. 32), price \$4.75, or as a Wheel Hoe only (No. 33), price \$2.75.

We are headquarters for Planet Jr. Tools. Come see them.

We do not handle commission seeds. All seeds are put up by us in beautiful lithograph packets, with cultural directions on the back. Chaapel's Seeds are sold in bulk, and liberal-sized packets are put up by us for 5 cts.

Planet Jr. No. 12 Double and Single-Wheel Hoe

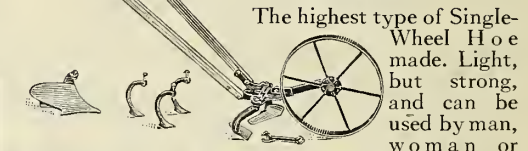
Price, \$6.50.



A Single- and Double-Wheel Hoe in one. Straddles crops till 20 inches high, then works between. The Plows open furrows and cover them. The Cultivator Teeth work deep or shallow. The Hoes are wonderful weed-killers. New 14-in. steel wheels, steel frames, arch, etc. Greatly improved for 1916 and no addition in price.

No. 17 Planet Jr. Single-Wheel Hoe

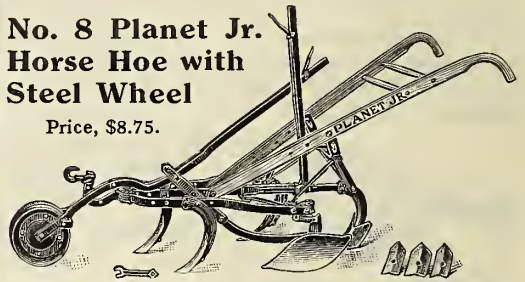
Price, \$4.75.



The highest type of Single-Wheel Hoe made. Light, but strong, and can be used by man, woman or boy. Will do all the cultivation in your garden in the easiest, quickest, and best way. Indestructible steel frame. New. 15-in. steel wheel. Call and let us show you the 1916 models; they will please you.

No. 8 Planet Jr. Horse Hoe with Steel Wheel

Price, \$8.75.

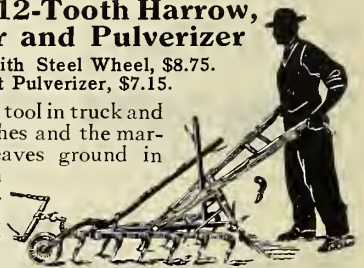


Stronger, better made, and capable of a greater variety of work than any other Cultivator made. A great favorite.

Planet Jr. 12-Tooth Harrow, Cultivator and Pulverizer

Complete, with Steel Wheel, \$8.75.
Without Pulverizer, \$7.15.

An invaluable tool in truck and strawberry patches and the market-garden. Leaves ground in finest condition without throwing dirt on plants. Has new steel wheel.



WRITE FOR PLANET JR. IMPLEMENT CATALOGUE



We Are Headquarters for SHEEP'S HEAD BRAND PULVERIZED SHEEP MANURE

This is probably the most extensively used of animal manures by the florists and market-gardeners. The analysis shows it to be a perfectly balanced plant-food.

Pulverized Sheep Manure acts quickly, and is invaluable for all crops that require a quick stimulant at certain stages of development. It is prepared by a special drying, screening and grinding process which destroys

every weed seed and eliminates every bit of worthless bedding and foreign matter. Only the pure Fertilizer in most concentrated and effective form is packed in bags for convenient and economical use.

The advantages of Pulverized Sheep Manure in the greenhouse and market-garden has made it a standard all over the country. Its absolute purity, freedom from weeds, convenient, highly concentrated form, make it almost indispensable. For the lawn, fruit- and vegetable-garden and grain in the field there is nothing equal to it. It has all the advantages of stable manure in concentrated form, and is used direct in the hill or row at planting-time or broadcasted after plowing and harrowed in. It makes available for plant growth much dormant fertility already in the soil, and starts the young plants off strong and vigorous. It increases both quality and yield of all field crops, and is especially valuable to the market-gardener for top-dressing during the growing season. Use ten pounds to every 150 square feet (10 x 15 feet), 1,000 lbs. to the acre.

5 lbs. 25 cts., 10 lbs. 40 cts., 25 lbs. 75 cts., 50 lbs. \$1.25, 100 lbs. \$2, 500 lbs. \$8.75, ton \$30. Ask for booklet.

DIAMOND BRAND COMPOST

Well Rotted Horse Manure

DRIED, GROUND AND ODORLESS
For Lawns, Flower and Vegetable Gardens

A concentrated, odorless, natural manure; ground fine and all weed seeds killed. Easily applied, and promotes rapid, sturdy growth. Being a natural manure, it consist largely of that necessary ingredient and plant food carrier—Humus. It invariably gives satisfactory results.

Use ten pounds to every 150 square feet (10 x 15 feet), 1,000 lbs. to the acre.

5 lbs. 25 cts., 10 lbs. 40 cts., 25 lbs. 75 cts., 50 lbs. \$1.25, 100 lbs. \$2, 500 lbs. \$8.75, ton \$30. Ask for booklet.

NITRATE OF SODA

This is the most soluble and quickly available form of nitrogen or ammonia. It is of great benefit in forcing a strong, luxuriant growth in plants. It is especially valuable for cabbage, cauliflower, beets, carrots, onions, tomatoes, potatoes and similar crops, as well as for grass and grain. It can be advantageously used as a top-dressing after plants are up. It is immediately available to the plants when applied.

Gardeners should always have some Nitrate of Soda on hand, and use it whenever they want to promote a quick, strong growth in plants. A little Nitrate dissolved in water at the rate of about a tablespoonful (one ounce) to two gallons of water will stimulate a rapid growth either when applied to plants in frames, greenhouses or the open ground. If your plants don't grow well, try a little Nitrate on them—but don't use too much. Owing to the war, supplies are limited and prices subject to change. **1 lb. 10 cts., 3 lbs. 25 cts.**

Bone Meal. Pure ground bone. It is rich in nitrogen and phosphoric acid, the two principal plant-foods. Lasting in its effect. 5 lbs. 30 cts., 10 lbs. 50 cts., 25 lbs. \$1, 50 lbs. \$1.50, 100 lbs. \$2.50.

Acid Phosphate. Apply 100 lbs. per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. Original bags of 200 lbs. \$2.20, ton \$20.

Hardwood Ashes. Indispensable as a lawn dressing, or to apply to orchards. Should be applied late in the fall or early spring at the rate of 1,000 to 1,500 lbs. to the acre. 5 lbs. 20 cts., 10 lbs. 35 cts., 25 lbs. 60 cts., 100 lbs. \$1.50, bbl. \$2.50, ton, \$20. Special price by the car.

Dried Blood. One of the quickest acting fertilizers, being immediately soluble. 5 lbs. 30 cts., 25 lbs. \$1.25, 50 lbs. \$2, 100 lbs. \$3.75.



WHY NOT HAVE A BETTER GARDEN THIS YEAR?

Here is a picture of a garden that yields an abundance of vegetables the year round for the family table, and it indicates a condition of thrift that should surround every American home,—perhaps a vacant plot nearby can be brought into use,—there is a saying that “A good garden is worth a hundred dollars to the average family;” why not try it this year? And remember—manure and fertilizers, together with thorough cultivation, make things grow, producing immense crops at small expense.

If you are interested in growing your own vegetables, and feel you need information on the subject, why not consult us? We are in a position to offer suggestions and advice. Write or ask for our leaflet on “How to Plant Your Garden.”

Do your seed buying early, for a seed store in April or May is like a toy store on the night before Christmas.

CHAAPEL'S SEED STORE

Inoculating Cultures for Leguminous Crops

NITROGEN-GATHERING BACTERIA

Alfalfa, Crimson, Sweet, Red and Alsike Clovers; Cow, Garden, Canada Field and Sweet Peas; Soy, Lima, and Garden Beans; Vetches and other pod-growing plants called legumes, enrich the soil by the action of bacteria upon their roots.

These bacteria live upon the roots of legumes and by action of their bodies extract free nitrogen from the air and deposit it upon the roots of legumes in little sacks called nodules.

These nodules are necessary for the growth of all legumes and if their presence is not naturally in the soil, it is necessary to artificially place them there. This is best accomplished by using

STANDARD PURE CULTURE INOCULATION

This is the first reliable Legume Inoculation sold at a reasonable price and farmers should be willing to use these pure cultures for inoculation purposes as it is a much cheaper and safer method than the transfer of soil for this purpose. Directions with each bottle. Acre size, 50 cts., by parcel post, 60 cts.

THE CHEMICAL VALUE OF GREEN MANURE

Legumes are those plants which have the power to collect nitrogen from the air and deposit it in the soil for future crops. It pays to grow your fertilizers. The following quotations on the value of cover-crops as green manure was taken from the Pennsylvania State Bulletin and other authorities; values based on average yield by the acre.

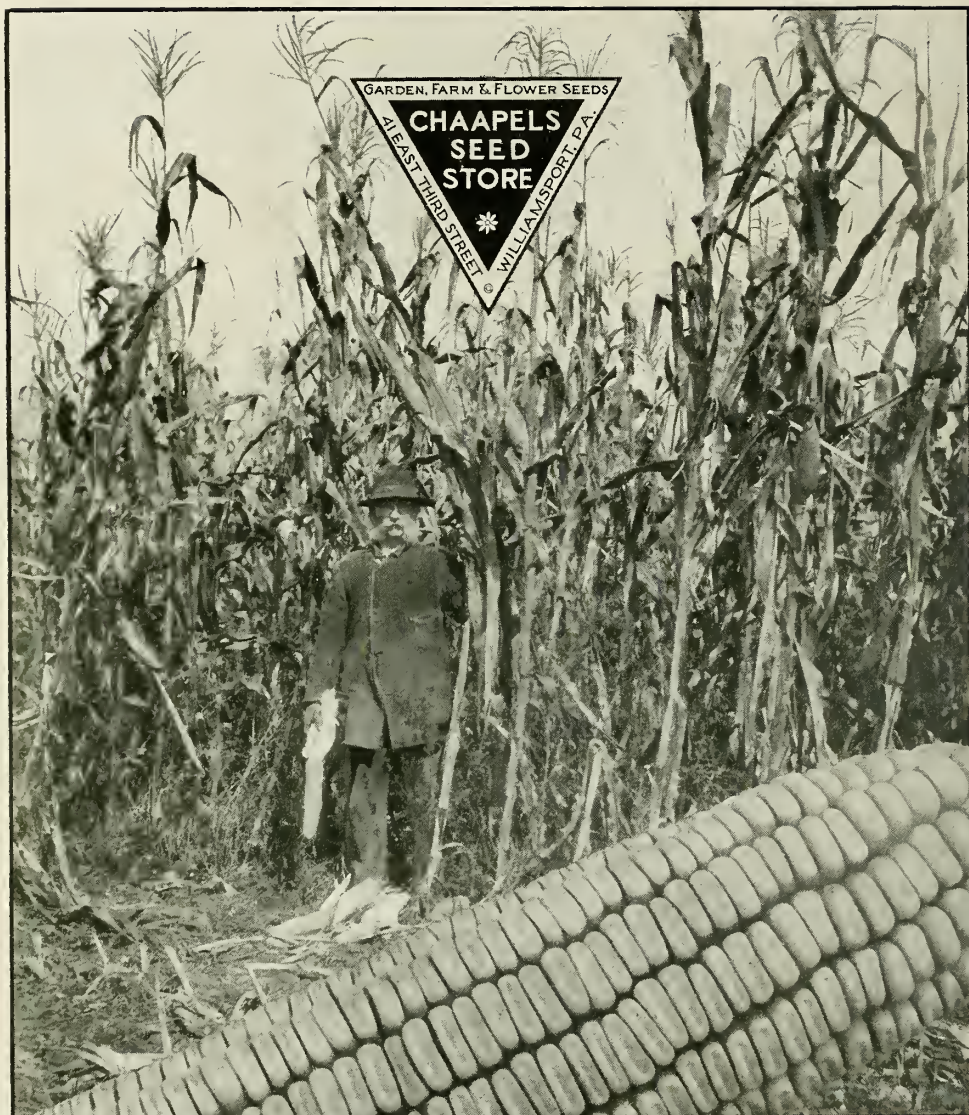
Vetch and Rye. Sow July to September, 30 to 40 lbs. each to the acre.....	\$25 00
Rape, Dwarf Essex. Sow May to September, 7 to 10 lbs. to the acre.....	24 00
Soy Beans. A warm weather plant. Sow in June, 1 to 1½ bus. to the acre. Sow broadcast.	20 00
Cowpeas. A warm weather plant. Sow in June, 1 to 2 bus. to the acre.....	19 00

Canada Field Peas and Oats. Cool weather plants. Sow in April, 2 bus. to the acre.....	\$22 00
Cow Horn Turnips. Makes a good humus crop. Sow 3 to 5 lbs. to the acre.....	21 00
Crimson Clover. Broadcast, 18 to 20 lbs. to the acre in July.....	22 00
Red Clover. The farmers' standard crop.....	18 00

REFERENCE TABLE

Quantity of Seed Requisite to Produce a Given Number of Plants and Sow an Acre

	Weight per bus.	Quantity per acre		Weight per bus.	Quantity per acre
Asparagus, 1 oz. to 800 plants....		1 lb.	Leek, ½ oz. to 100 ft. of drill....		4 lbs.
Barley.....	47 lbs.	2½ bus.	Lettuce, ¼ oz. to 100 ft. of drill...		3 lbs.
Beans, Dwarf, 1 pt. to 100 ft. of drill.....		1 bus.	Melon, Musk, 1 oz. to 100 hills...		3 lbs.
Beans, Pole, 1 pt. to 100 hills....		½ bus.	Melon, Water, 4 oz. to 100 hills...	50 lbs.	3 lbs.
Beet, Garden, 1 oz. to 100 ft. of drill.....		7 lbs.	Millet.....	40 to 50 lbs.	15 lbs.
Beet, Mangel, 1 oz. to 100 ft. of drill.....		6 lbs.	Nasturtium, 2 oz. to 100 ft. of drill.....		2 bus:
Broom Corn.....		10 lbs.	Oats.....	32 lbs.	8 lbs.
Brussels Sprouts, 1 oz. to 3,000 plants.....		4 ozs.	Okra, 1½ oz. to 100 ft. of drill...		
Buckwheat.....	48 lbs.	½ bus.	Onion Seed, ½ oz. to 100 ft. of drill.....		4 to 5 lbs.
Cabbage, 1 oz. to 3,000 plants....		4 ozs.	Onion Seed, for Sets.....		40 to 80 lbs.
Carrot, ¼ oz. to 100 ft. of drill...		2½ lbs.	Onion Sets, 1 qt. to 20 ft. of drill...		8 bus.
Cauliflower, 1 oz. to 3,000 plants...		4 ozs.	Parsnips, ¼ oz. to 100 ft. of drill...		3 lbs.
Celery, 1 oz. to 15,000 plants.....		4 ozs.	Parsley, ¼ oz. to 100 ft. of drill....		3 lbs.
Clover, Alfalfa.....	60 lbs.	20 to 25 lbs.	Peas, Garden, 1 pt. to 100 ft. of drill.....		2 bus.
Clover, Alsike and White Dutch....	60 lbs.	6 lbs.	Peas, Field.....	60 lbs.	2 bus.
Clover, Large Red; Medium.....	60 lbs.	8 lbs.	Pepper, 1 oz. to 1,500 plants.....		3 ozs.
Clover, Crimson.....	60 lbs.	15 to 18 lbs.	Potatoes.....	60 lbs.	8 bus.
Clover, White Sweet (unhulled)....	33 lbs.	30 to 40 lbs.	Pumpkin, ½ qt. to 100 hills.....		4 to 5 lbs.
Clover, White Sweet (hulled).....	60 lbs.	20 to 30 lbs.	Radish, ½ oz. to 100 ft. of drill...		10 to 12 lbs.
Corn, Sweet, ¼ pt. to 100 hills....		5 qts.	Rape, Dwarf Essex.....	50 lbs.	6 to 8 lbs.
Cowpeas. Sow broadcast.....	60 lbs.	1 to 2 bus.	Rye.....	56 lbs.	1½ lbs.
Cucumber, 1 oz. to 100 hills.....		3 lbs.	Salsify, ½ oz. to 100 ft. of drill...		8 lbs.
Eggplant, 1 oz. to 2,000 plants...		4 ozs.	Soy Beans. Sow in drills.....	60 lbs.	15 to 30 lbs.
Endive, ¼ oz. to 100 ft. of drill....		4½ lbs.	Spinach, ½ oz. to 100 ft. of drill...		8 lbs.
Grass, Blue, Kentucky.....	14 lbs.	2 bus.	Summer Savory, 1 packet to 100 ft. of drill.....		¾ lb.
Grass, Hungarian.....	50 lbs.	½ bus.	Squash, Summer, 4 ozs. to 100 hills.....		3 lbs.
Grass, Mixed Lawn.....		5 bus.	Squash, Winter, 8 ozs. to 100 hills		3 lbs.
Grass, Orchard, Perennial Rye, Red-Top.....		2 bus.	Sweet Peas, 1 oz. to 10 ft. of drill...		
Grass, Red-Top, Fancy Clean....		8 to 10 lbs.	Tomato, 1 oz. to 2,500 plants....		2 ozs.
Grass, Timothy.....	45 lbs.	¼ bus.	Turnip, 1 oz. to 250 ft. of drill....		1½ lbs.
Kale, 1 oz. to 3,000 plants.....		4 ozs.	Vetch, Winter (with ½ bus. Rye)....	60 lbs.	30 to 40 lbs.
Kohlrabi, ½ oz. to 100 ft. of drill...		4 lbs.	Wheat.....	60 lbs.	1¼ bus.



*This ear is two-thirds
natural size*

This picture shows the BLUE RIDGE ENSILAGE CORN as it stood the day it was cut for the silo, grown by Mr. H. F. Harer, Linden, Pa., from our seed. It was introduced into this section by us last year. It has unusual merit; it is fully three weeks earlier than other large silo corn, and is sure to increase in popularity. For full description, see page 21.

CHAAPEL'S SEED STORE

41 EAST THIRD STREET

WILLIAMSPORT, PA.